



Correlation to Alabama Course of Study

Kindergarten Mathematics Content Standards

Number and Operations

Content Standard	Instruction and Practice	Additional Practice and Assessment
<p>1. Demonstrate concepts of number sense by using one-to-one correspondence, counting in sequence by ones from 1 to 20, counting backward from 10, recognizing numerals 0–9, and comparing sets of objects up to 10 using vocabulary including <i>more than</i>, <i>less than</i>, <i>most</i>, or <i>least</i>.</p>	<p>Lesson 2-1, pp. 27A–27B, 27–28, Ex. 1–5; Lesson 2-2, pp. 29A–29B, 29–30; Lesson 2-3, pp. 31A–31B, 31–32; Lesson 2-4, pp. 33A–33B, 33–34; Lesson 2-11, pp. 47A–47B, p. 47, Ex. 1–2; Lesson 3-1, pp. 53A–53B, 53–54; Lesson 3-2, pp. 55A–55B, 55–56, Ex. 1–8; Lesson 3-3, pp. 57A–57B, 57–58, Ex. 1–5; Lesson 3-4, pp. 59A–59B, 59–60, Ex. 1–7; Lesson 3-5, pp. 61A–61B, 61–62, Ex. 1–11; Lesson 3-6, pp. 63A–63B, 63–64, Ex. 1–7; Lesson 3-7, pp. 65A–65B, 65–66; Lesson 3-8, pp. 67A–67B, 67–68; Lesson 3-10, pp. 71A–71B, pp. 71–72; Lesson 4-1, pp. 77A–77B, 77–78, Ex. 1–8; Lesson 4-2, pp. 79A–79B, 79–80, Ex. 1–7; Lesson 4-3, pp. 81A–81B, 81–82, Ex. 1–8; Lesson 4-4, pp. 83A–83B, 83–84, Ex. 1–4; Lesson 4-5, pp. 85A–85B, 85–86, Ex. 1–7; Lesson 4-6, pp. 87A–87B, 87–88, Ex. 1–4, 6; Lesson 4-7, pp. 89A–89B, 89–90, Ex. 1–6; Lesson 4-8, pp. 91A–91B, 91–92, Ex. 1–4; Lesson 4-11, pp. 97A–97B, p. 97, Ex. 1–2; Lesson 5-1, pp. 103A–103B, 103–104, Ex. 1–4; Lesson 5-2, pp. 105A–105B, 105–106, Ex. 1–6; Lesson 5-3, pp. 107A–107B, 107–108, Ex. 1–8; Lesson 5-4, pp. 109A–109B, 109–110, Ex. 1–6; Lesson 5-5, pp. 111A–111B, 111–112, Ex. 1–8; Lesson 5-10, pp. 121A–121B, 121–122, Ex. 1–2, 4–5; Lesson 5-12, pp. 125A–125B, 125–126; Lesson 5-13, pp. 127A–127B, p. 127; Lesson 7-15, pp. 189A–189B, 189–190, Ex. 1–6; Lesson 7-16, pp. 191A–191B, 191–192; Lesson 8-11, pp. 217A–217B, 217–218, Ex. 1–5; Lesson 8-12, pp. 219A–219B, 220, Ex. 2–3; Lesson 9-2, pp. 227A–227B, 227–228, Ex. 1–8; Lesson 9-3, pp. 229A–229B, 229–230, Ex. 1–8; Lesson 9-4, pp. 231A–231B, 231–232, Ex. 1–7; Lesson 9-6, pp. 235A–235B, 235–236, Ex. 1–8; Lesson 9-7, pp. 237A–237B, 237–238, Ex. 1–8; Lesson 9-8, pp. 239A–239B, pp. 239–240</p> <p>Ch. 2: Investigation, p. 25I</p> <p>Ch. 3: Investigation, pp. 51I–51J</p> <p>Ch. 4: Investigation, pp. 75I–75J</p>	<p>Chapter Test, p. 49, Ex. 1–2; Chapter Test, pp. 73–74, Ex. 1–3, 5–7; Chapter Test, pp. 99–100, Ex. 1, 3–4; Chapter Test, pp. 129–130, Ex. 1, 4–5; Lesson 6-4, pp. 139A–139B, 139–140, Ex. 1–10; Lesson 6-5, pp. 141A–141B, 141–142, Ex. 1–8; Lesson 6-6, pp. 143A–143B, Ex. 1–6; Lesson 6-8, pp. 147A–147B, 147–148, Ex. 1–8; Lesson 6-10, pp. 151A–151B, 151–152, Ex. 1–8; Chapter Test, pp. 157–158, Ex. 4, 8; Lesson 7-5, pp. 169A–169B, 170, Ex. 1–6; Lesson 7-7, pp. 173A–173B, 173, Ex. 1–6; Lesson 7-8, pp. 175A–175B, 175, Ex. 1–4; Lesson 7-10, pp. 179A–179B, 179–180, Ex. 1–10; Lesson 7-11, pp. 181A–181B, 181–182, Ex. 1–10; Lesson 7-12, pp. 183A–183B, 183–184, Ex. 1–10; Lesson 7-13, pp. 185A–185B, 185–186, Ex. 1–6; Chapter Test, pp. 193–194, Ex. 1–2, 5; Lesson 8-7, pp. 209A–209B, 209–210, Ex. 1–7; Lesson 8-10, pp. 215A–215B, 215–216, Ex. 2–7; Lesson 8-12, pp. 219A–219B, 219, Ex. 1; Chapter Test, p. 222, Ex. 7; Lesson 9-1, pp. 225A–225B, 225–226, Ex. 1–7; Lesson 9-5, pp. 233A–233B, 233–234; Chapter Test, pp. 241–242, Ex. 1–7; Lesson 10-1, pp. 245A–245B, 245–246; Lesson 10-2, pp. 247A–247B, 247–248, Ex. 1–6; Lesson 10-3, pp. 249A–249B, 249–250, Ex. 1–6; Lesson 10-4, pp. 251A–251B, 251–252, Ex. 1–6; Lesson 10-5, pp. 253A–253B, 253–254, Ex. 1–6; Lesson 10-6, pp. 255A–255B, 255–256, Ex. 1–6; Lesson 10-7, pp. 257A–257B, 257–258, Ex. 1–6; Lesson 10-8, pp. 259A–259B, 259–260, Ex. 1–3; Chapter Test, pp. 261–262, Ex. 1–5; Lesson 11-1, pp. 265A–265B, 265–266, Ex. 1–4; Lesson 11-2, pp. 267A–267B, 267–268, Ex. 1–6; Lesson 11-3, pp. 269A–269B, 269–270, Ex. 1–6; Lesson 11-4, pp. 271A–271B, 271–272, Ex. 1–6; Lesson 11-5, pp. 273A–273B, 273–274, Ex. 1–6; Lesson 11-6, pp. 275A–275B, 275–276, Ex. 1–6; Lesson 11-7, pp. 277A–277B, 277–278, Ex. 1–6; Lesson 11-8, pp. 279A–279B, 279–280, Ex. 1–5; Lesson 11-9, pp. 281A–281B, 281–282; Chapter Test, pp. 283–284, Ex. 1–7</p>



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Kindergarten Mathematics Content Standards

Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
<p>2. Demonstrate addition by using numbers totaling 5 or less and subtraction by using numbers less than or equal to 5.</p>	<p>Lesson 9-1, pp. 225A–225B, 225–226, Ex. 1–7; Lesson 9-5, pp. 233A–233B, 233–234; Lesson 9-6, pp. 235A–235B, 235–236, Ex. 1–2, 4–7; Lesson 9-7, pp. 237A–237B, 237–238, Ex. 1–3, 5–7; Lesson 9-8, pp. 239A–239B, 239; Lesson 10-1, pp. 245A–245B, 245–246; Lesson 10-2, pp. 247A–247B, 247–248, Ex. 1–4; Lesson 10-3, pp. 249A–249B, 249–250, Ex. 1, 3–4; Lesson 10-4, pp. 251A–251B, 251–252, Ex. 1–2, 5; Lesson 10-5, pp. 253A–253B, 253–254, Ex. 1, 3–4, 6; Lesson 10-6, pp. 255A–255B, 255–256, Ex. 1–2, 4; Lesson 10-7, pp. 257A–257B, 257, Ex. 1–3; Lesson 10-8, pp. 259A–259B, 259–260, Ex. 1, 3; Lesson 11-1, pp. 265A–265B, 266, Ex. 3–4; Lesson 11-2, pp. 267A–267B, 267–268, Ex. 1–2, 4–6; Lesson 11-3, pp. 269A–269B, 269–270, Ex. 1–6; Lesson 11-4, pp. 271A–271B, 271–272, Ex. 1–2, 4–5; Lesson 11-5, pp. 273A–273B, 273–274, Ex. 2–3, 6; Lesson 11-6, pp. 275A–275B, 275–276, Ex. 1, 3, 5–6; Lesson 11-7, pp. 277A–277B, 277–278, Ex. 1–3; Lesson 11-8, pp. 279A–279B, 279–280, Ex. 1–3, 5; Lesson 11-9, pp. 281A–281B, 281</p> <p>Ch. 9: Investigation, pp. 223I–223J</p> <p>Ch. 10: Investigation, p. 243I</p> <p>Ch. 11: Investigation, p. 243I</p>	<p>Chapter Test, pp. 241–242, Ex. 1, 4, 6–7; Chapter Test, pp. 261–262, Ex. 1–3; Chapter Test, pp. 283–284, Ex. 3–6</p>
<p>3. Recognize that a whole object can be divided into parts.</p> <ul style="list-style-type: none"> Dividing a whole object into equal parts 	<p>Lesson 8-8, pp. 211A–211B, 211–212, Ex. 1–8; Lesson 8-9, pp. 213A–213B, 213–214, Ex. 1–5; Lesson 8-10, pp. 215A–215B, 215–216, Ex. 1–7</p>	<p>Chapter Test, p. 222, Ex. 5–6</p>



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Kindergarten Mathematics Content Standards

Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
4. Identify a penny, nickel, dime, and quarter.	Lesson 7-10, pp. 179A–179B, 179–180, Ex. 1–10; Lesson 7-11, pp. 181A–181B, 181–182, Ex. 1–10; Lesson 7-12, pp. 183A–183B, 183–184, Ex. 1–10; Lesson 7-13, pp. 185A–185B, 185–186, Ex. 1–6; Lesson 7-14, pp. 187A–187B, 187–188, Ex. 1–6; Lesson 7-15, pp. 189A–189B, 189–190, Ex. 1–6; Lesson 10-7, pp. 257A–257B, 257–258, Ex. 1–6; Lesson 11-7, pp. 277A–277B, 277–278, Ex. 1–6	Chapter Test, pp. 193–194, Ex. 3, 5; Chapter Test, p. 262, Ex. 5; Chapter Test, p. 284, Ex. 7

Algebra

Content Standard	Instruction and Practice	Additional Practice and Assessment
5. Replicate patterns using concrete objects.	Lesson 2-5, pp. 35A–35B, 35–36, Ex. 1–8; Lesson 2-6, pp. 37A–37B, 37–38, Ex. 1–8; Lesson 2-7, pp. 39A–39B, 39–40, Ex. 1–8; Lesson 2-9, pp. 43A–43B, 43–44, Ex. 1–4; Lesson 2-10, pp. 45A–45B, 45–46, Ex. 1–6; Lesson 2-11, pp. 47A–47B, p. 48, Ex. 3; Lesson 4-10, pp. 95A–95B, 95–96, Ex. 1–6	Lesson 2-8, pp. 41A–41B, 41–42, Ex. 1–4; Chapter Test, p. 50, Ex. 3–6; Chapter Test, p. 100, Ex. 5
<ul style="list-style-type: none"> Sorting objects by characteristics 	Lesson 1-5, pp. 11A–11B, 11–12, Ex. 1–8; Lesson 1-6, pp. 13A–13B, 13–14, Ex. 1–5; Lesson 1-7, pp. 15A–15B, 15–16, Ex. 1–4; Lesson 1-8, pp. 17A–17B, 17–18, Ex. 1–4; Lesson 1-9, pp. 19A–19B, 19–20, Ex. 1–6; Lesson 1-10, pp. 21A–21B, p. 22; Lesson 8-2, pp. 199A–199B, 199–200, Ex. 1–4; Lesson 8-3, pp. 201A–201B, 201–202, Ex. 1–8; Lesson 10-8, pp. 259A–259B, 259–260, Ex. 1–3 Ch. 1: Investigation, pp. 1I–1J	Chapter Test, p. 24, Ex. 3–6; Lesson 7-14, pp. 187A–187B, 187–188, Ex. 1–6; Chapter Test, p. 221, Ex. 2
<ul style="list-style-type: none"> Describing characteristics of patterns and/or objects 	Lesson 2-8, pp. 41A–41B, 41–42, Ex. 1–4; Lesson 4-10, pp. 95A–95B, 95–96, Ex. 1–6	



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Kindergarten Mathematics Content Standards

Geometry

Content Standard	Instruction and Practice	Additional Practice and Assessment
6. Create combinations of rectangles, squares, circles, and triangles using shapes or drawings.	Lesson 8-7, pp. 209A–209B, 209–210, Ex. 1–7	
<ul style="list-style-type: none"> Describing relative location of objects using positional terms 	Lesson 1-1, pp. 3A–3B, 3–4; Lesson 1-2, pp. 5A–5B, 5–6; Lesson 1-3, pp. 7A–7B, 7–8; Lesson 1-4, pp. 9A–9B, 9–10; Lesson 1-10, pp. 21A–21B, p. 21	Chapter Test, pp. 23–24, Ex. 1–2
7. Identify rectangles, squares, circles, and triangles.	Lesson 8-4, pp. 203A–203B, 203–204, Ex. 1–5; Lesson 8-5, pp. 205A–205B, 205–206, Ex. 1–5; Lesson 8-12, pp. 219A–219B, 219, Ex. 1 Ch. 8: Investigation, p. 195I	Lesson 1-7, pp. 15A–15B, 15–16, Ex. 1–4; Lesson 1-8, pp. 17A–17B, 17–18, Ex. 1–4; Lesson 1-9, pp. 19A–19B, 19–20, Ex. 1–6; Chapter Test, p. 24, Ex. 4–6; Lesson 2-7, pp. 39A–39B, 39–40, Ex. 1–8; Chapter Test, p. 50, Ex. 4–6; Chapter Test, pp. 221, Ex. 3
<ul style="list-style-type: none"> Recognizing like shapes in the environment 	Lesson 8-1, pp. 197A–197B, 197–198, Ex. 1–6	Lesson 1-10, p. 22

Measurement

Content Standard	Instruction and Practice	Additional Practice and Assessment
8. Use vocabulary associated with length, height, volume, and weight to compare objects.	Lesson 6-1, pp. 133A–133B, 133–134, Ex. 1–8; Lesson 6-2, pp. 135A–135B, 135–136, Ex. 1–6; Lesson 6-3, pp. 137A–137B, 137–138; Lesson 6-7, pp. 145A–145B, 145–146, Ex. 1–10; Lesson 6-9, pp. 149A–149B, 149–150, Ex. 1–10; Lesson 6-12, pp. 155A–155B, pp.155–156 Ch. 6: Investigation, pp. 131I–131J	Chapter Test, pp. 157–158, Ex. 1–3, 5–6
9. Use vocabulary associated with the measurement of time, including words related to clocks and calendars.	Lesson 7-1, pp. 161A–161B, 161–162; Lesson 7-2, pp. 163A–163B, 163–164; Lesson 7-3, pp. 165A–165B, 165–166, Ex. 1–4; Lesson 7-4, pp. 167A–167B, 167–168; Lesson 7-5, pp. 169A–169B, 169–170, Ex. 1–6; Lesson 7-6, pp. 171A–171B, 171–172, Ex. 1–5; Lesson 7-9, pp. 177A–177B, 177–178, Ex. 1–6; Lesson 7-16, pp. 191A–191B, 191–192 Ch. 7: Investigation, pp. 159I–159J	Chapter Test, pp. 193–194, Ex. 1–2, 6



Correlation to Alabama Course of Study

Kindergarten Mathematics Content Standards

Data Analysis and Probability

Content Standard	Instruction and Practice	Additional Practice and Assessment
10. Complete data displays such as single-loop Venn diagrams and yes/no charts using real objects, concrete representations, or pictorial representations.	Lesson 2-2, pp. 29A–29B, 29–30; Lesson 2-3, pp. 31A–31B, 31–32; Lesson 2-4, pp. 33A–33B, 33–34; Lesson 5-12, pp. 125A–125B, 125–126	Chapter Test, p. 49, Ex. 1–2; Chapter Test, p. 130, Ex. 4
<ul style="list-style-type: none">• Responding to questions for the purpose of data collection	Lesson 2-4, pp. 33A–33B	



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Correlation to Alabama Course of Study

Grade 1 Mathematics Content Standards

Number and Operations

Content Standard	Instruction and Practice	Additional Practice and Assessment
1. Demonstrate concepts of number sense by counting forward and backward by ones, twos, fives, and tens up to 100; counting forward and backward from an initial number other than 1; and using multiple representations for a given number.	Lesson 7-2, pp. 243A–243B, 243–244, Ex. 1–6; Lesson 7-3, pp. 245A–245B, 245–246, Ex. 1–9; Lesson 7-6, pp. 251A–251B, 251–252, Ex. 1–9; Lesson 7-7, pp. 255A–255B, 255–256, Ex. 1–3; Lesson 7-8, pp. 257A–257B, 257–258, Ex. 1–7; Lesson 7-10, pp. 263A–263B, 263–264, Ex. 1–9; Lesson 7-13, pp. 269A–269B, 269–270, Ex. 1; Enrichment, p. 273, Ex. 1–4 Chapter 7: Investigation, p. 239I	Readiness, pp. R1–R2, Ex. 1–6; Chapter Story, pp. 1B–1F; Diagnostic Checkpoint, p. 253, Ex. 3–5; Diagnostic Checkpoint, p. 271, Ex. 1–2; Cumulative Review and Test Prep, p. 272, Ex. 2; Chapter Test, pp. 277–278, Ex. 3–5, 7–10, 12–13; Cumulative Review and Test Prep, p. 294, Ex. 1–3; Cumulative Review and Test Prep, p. 434, Ex. 1; Cumulative Review and Test Prep, p. 486, Ex. 1
<ul style="list-style-type: none"> Identifying position using ordinal numbers 1st through 10th 	Lesson 7-12, p. 268, Ex. 2–7; Lesson 7-13, p. 269, Ex. 3–4	Chapter Story, pp. 7B–7E; Practice Game, p. 240; Cumulative Review and Test Prep, p. 328A, Ex. 6; Cumulative Review and Test Prep, p. 382, Ex. 4
<ul style="list-style-type: none"> Using vocabulary including the terms <i>equal</i>, <i>all</i>, and <i>none</i> to identify sets of objects 	Lesson 5-13, pp. 187A–187B, 187–188, Ex. 1–12; Lesson 5-15, pp. 191A–191B, 191–192, Ex. 1–5	Diagnostic Checkpoint, p. 195, Ex. 5; Cumulative Review and Test Prep, p. 218, Ex. 3
<ul style="list-style-type: none"> Recognizing that the quantity remains the same when the spatial arrangement changes 	Lesson 1-8, pp. 21–22, Ex. 1–10; Lesson 2-5, pp. 53–54, Ex. 1–9; Lesson 2-11, pp. 69–70, Ex. 1–9; Lesson 3-2, pp. 93–94, Ex. 1–12	
<ul style="list-style-type: none"> Determining the value of the digit in the ones place and the value of the digit in the tens place in a numeral 	Lesson 8-3, pp. 285A–285B, 285–286, Ex. 1–7; Lesson 8-4, pp. 287A–287B, 287–288, Ex. 1–5; Lesson 8-8, pp. 299A–299B, 299–300, Ex. 1–5; Enrichment, p. 323, Ex. 7	Discovery Channel, p. 276, Ex. 1–3; Diagnostic Checkpoint, p. 293, Ex. 4–5; Diagnostic Checkpoint, p. 305, Ex. 3–5; Discovery Channel, p. 326, Ex. 2; Chapter Test, p. 327, Ex. 6–7; Cumulative Review and Test Prep, p. 328B, Ex. 10
<ul style="list-style-type: none"> Determining the value of a number given the number of tens and ones 	Lesson 7-1, pp. 241A–241B, 241–242, Ex. 1–18; Lesson 7-4, pp. 247A–247B, 247–248, Ex. 1–6; Lesson 8-1, pp. 281A–281B, 281–282, Ex. 1–12; Lesson 8-2, pp. 283A–283B, 283–284, Ex. 1–7; Lesson 8-3, pp. 285A–285B, 285–286, Ex. 1–7; Lesson 8-4, pp. 287A–287B, 287–288, Ex. 1–6; Lesson 8-5, pp. 291A–291B, 291–292, Ex. 1–7; Lesson 12-1, pp. 459A–459B, 459–460, Ex. 1–6; Lesson 12-2, pp. 461A–461B, 461–462, Ex. 1–12; Lesson 12-6, pp. 471A–471B, 471–472, Ex. 1–14; Lesson 12-7, pp. 473A–473B, 473–474, Ex. 1–14 Chapter 8: Investigation, p. 279I	Diagnostic Checkpoint, p. 253, Ex. 1, 6–7; Cumulative Review and Test Prep, p. 272, Ex. 3; Chapter Test Prep, p. 277, Ex. 6; Chapter Story, pp. 8C–8F; Home-School Connection, p. 279; Practice Game, p. 280; Reading for Math Success, pp. 289–290, Ex. 4, 7; Diagnostic Checkpoint, p. 293, Ex. 1–5; Cumulative Review and Test Prep, p. 306, Ex. 5; Cumulative Review and Test Prep, p. 322, Ex. 2, 4; Chapter Test, pp. 327–328, Ex. 1–2, 5–7; Cumulative Review and Test Prep, pp. 328A–328B, Ex. 2, 10; Cumulative Review and Test Prep, p. 342, Ex. 4; Diagnostic Checkpoint, p. 469, Ex. 1–2; Diagnostic Checkpoint, p. 485, Ex. 1–4; Cumulative Review and Test Prep, p. 486, Ex. 3–4; Chapter Test, p. 491, Ex. 1–6



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Grade 1 Mathematics Content Standards

Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
(Content Standard 1 continued) <ul style="list-style-type: none"> Determining the value of a number that is 10 more or 10 less than a given number 	Lesson 8-6, pp. 295A–295B, 295–296, Ex. 1–11; Lesson 11-14, p. 448, Ex. 6	Diagnostic Checkpoint, p. 305, Ex. 1; Test Talk, p. 325, Ex. 1–2; Cumulative Review and Test Prep, p. 342, Ex. 2
<ul style="list-style-type: none"> Determining the monetary value of individual coins and sets of like coins up to \$1.00 	Lesson 9-1, pp. 331A–331B, 331–332, Ex. 1–6; Lesson 9-2, pp. 333A–333B, 333–334, Ex. 1–8; Lesson 9-3, pp. 335A–335B, 335–336, Ex. 1–8; Lesson 9-4, pp. 337A–337B, 337–338, Ex. 1–8; Lesson 9-5, pp. 339A–340B, 339–340, Ex. 1–5; Lesson 9-6, p. 344A–344B, 344, Ex. 3–7; Lesson 9-7, pp. 345A–345B, 345–346, Ex. 1–8; Lesson 9-8, p. 347A–347B, 347, Ex. 3–6; Lesson 9-10, pp. 352A–352B, 352–353, Ex. 1–4, 8 Chapter 9 Investigation, pp. 329I–329J	Chapter Story, pp. 9B–9C; Home-School Connection, p. 329; Practice Game, p. 330; Diagnostic Checkpoint, p. 341, Ex. 1–5; Diagnostic Checkpoint, p. 355, Ex. 1–4; Cumulative Review and Test Prep, p. 356, Ex. 3; Learning with Technology, p. 358, Ex. 1–4; Test Talk, p. 359, Ex. 1–2; Discovery Channel, p. 360, Ex. 1; Chapter Test, pp. 361–362, Ex. 1–9; Cumulative Review and Test Prep, pp. 414A–414B, Ex. 3, 8; Chapter Story, pp. 11C–11D; Cumulative Review and Test Prep, p. 470, Ex. 1–2; Cumulative Review and Test Prep, p. 492B, Ex. 9
2. Demonstrate conceptual understanding of addition and subtraction by telling number stories; joining, separating, and comparing sets of objects; and applying signs (+ and –) to the actions of joining and separating sets.	Lesson 1-4, pp. 11A–11B, 11–12, Ex. 1–9; Lesson 1-5, pp. 13A–13B, 13–14, Ex. 1–9; Lesson 1-6, pp. 15A–15B, 15–16, Ex. 1–11; Lesson 1-7, pp. 17A–17B, 17–18, Ex. 1–9; Lesson 1-8, pp. 21A–21B, 21–22, Ex. 1–10; Lesson 1-11, pp. 29A–29B, 29–30, Ex. 1–12; Lesson 2-1, pp. 45A–45B, 45–46, Ex. 1–5; Lesson 2-3, pp. 49A–49B, 49–50, Ex. 1–10; Lesson 2-6, pp. 57A–57B, 57–58, Ex. 1–5; Lesson 2-7, pp. 61A–61B, 61–62, Ex. 1–4; Lesson 2-8, pp. 63A–63B, 63–64, Ex. 1–10; Lesson 2-9, pp. 65A–65B, 65–66, Ex. 1–8; Lesson 2-12, pp. 71A–71B, 71–72, Ex. 1–5; Lesson 2-13, pp. 75A–75B, 75–76, Ex. 1–7; Lesson 2-14, pp. 77A–77B, 77–78, Ex. 1–5; Lesson 3-8, pp. 107A–107B, 107–108, Ex. 1–10; Lesson 4-4, pp. 133A–133B, 133–134, Ex. 1–5; Lesson 4-8, pp. 143A–143B, 143–144, Ex. 1–6; Lesson 8-5, pp. 291A–291B, 291–292, Ex. 1–7 Chapter 2 Investigation, pp. 43I–43J	Home-School Connection, p. 1; Practice Game, p. 2; Diagnostic Checkpoint, p. 23, Ex. 1–8; Cumulative Review and Test Prep, p. 24, Ex. 2–4; Diagnostic Checkpoint, p. 35, Ex. 5–6; Chapter Test, pp. 41–42, Ex. 4–7, 14–15; Home-School Connection, p. 43; Practice Game, p. 44; Diagnostic Checkpoint, p. 59, Ex. 7; Cumulative Review and Test Prep, p. 60, Ex. 5; Diagnostic Checkpoint, p. 73, Ex. 1–2, 7; Diagnostic Checkpoint, p. 81, Ex. 1–4; Cumulative Review and Test Prep, p. 82, Ex. 3–4; Test Talk, p. 85, Ex. 1–2; Chapter Test, p. 88, Ex. 9–12; Cumulative Review and Test Prep, pp. 88A–88B, Ex. 2, 4, 7, 10–12; Chapter Story, pp. 3B–3F; Reading for Math Success, pp. 109–110, Ex. 1–9; Practice Game, p. 90; Cumulative Review and Test Prep, p. 102, Ex. 4–5; Diagnostic Checkpoint, p. 115, Ex. 3–4, 6; Cumulative Review and Test Prep, p. 116, Ex. 1–3; Test Talk, p. 119, Ex. 1–2; Chapter Test, pp. 121–122, Ex. 4, 7–8, 10; Diagnostic Checkpoint, p. 135, Ex. 6; Cumulative Review and Test Prep, p. 136, Ex. 1, 5; Diagnostic Checkpoint, p. 147, Ex. 3; Cumulative Review and Test Prep, p. 148, Ex. 5–6; Chapter Test, p. 154, Ex. 10–11; Cumulative Review and Test Prep, pp. 154A–154B, Ex. 4, 6, 9; Cumulative Review and Test Prep, p. 218, Ex. 1–2; Diagnostic Checkpoint, p. 293, Ex. 6; Cumulative Review and Test Prep, p. 414A, Ex. 1; Cumulative Review and Test Prep, p. 450, Ex. 3



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Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
(Content Standard 2 continued) • Solving simple word problems using a variety of strategies and distinguishing between relevant and irrelevant information	Lesson 1-13, pp. 33A–33B, 33–34, Ex. 3, 6, 8; Lesson 2-15, pp. 79A–79B, 79–80, Ex. 1–7; Lesson 3-1, pp. 91A–91B, 91–92, Ex. 1–13; Lesson 3-3, pp. 95A–95B, 95–96, Ex. 1–11; Lesson 3-4, pp. 97A–97B, 97–98, Ex. 1–8; Lesson 3-5, pp. 99A–99B, 99–100, Ex. 1–6; Lesson 3-6, pp. 103A–103B, 103–104, Ex. 1–11; Lesson 3-7, pp. 105A–105B, 105–106, Ex. 1–8; Lesson 3-8, pp. 107A–107B, 107–108, Ex. 1–10; Lesson 3-9, pp. 111A–111B, 111–112, Ex. 1–5; Lesson 3-10, pp. 113A–113B, 113–114, Ex. 1–8; Enrichment, p. B,117, Ex. 1–5; Lesson 4-1, pp. 125A–125B, 125–126, Ex. 1–9; Lesson 4-2, pp. 127A–127B, 127–128, Ex. 1–12; Lesson 4-3, pp. 129A–129B, 129–130, Ex. 1–10; Lesson 4-7, pp. 141A–141B, 141–142, Ex. 1–13; Lesson 4-9, pp. 145A–145B, 145–146, Ex. 1–6; Lesson 8-5, pp. 291A–291B, 291–292, Ex. 1–7; Lesson 9-9, pp. 351A–351B, 351–352, Ex. 1–4; Lesson 10-13, p. 394, Ex. 13; Lesson 11-1, pp. 417A–417B, 417–418, Ex. 1–9; Lesson 11-2, pp. 419A–419B, 419–420, Ex. 1–8; Lesson 11-3, pp. 421A–421B, 421–422, Ex. 1–10; Lesson 11-4, pp. 423A–423B, 423–424, Ex. 1–9; Lesson 11-5, pp. 425A–425B, 425–426, Ex. 1–10; Lesson 11-11, pp. 441A–441B, 441–442, Ex. 1–14; Lesson 11-12, pp. 443A–443B, 443–444, Ex. 1–12; Lesson 11-13, pp. 445A–445B, 445–446, Ex. 1–4; Lesson 11-14, pp. 447A–447B, 447–448, Ex. 1–4, 6, 7; Lesson 12-5, pp. 467A–467B, 467–468, Ex. 1–4; Lesson 12-10, pp. 483A–483B, 483–484, Ex. 1–5, 7	Reading for Math Success, pp. 19–20, Ex. 3, 6, 8; Reading for Math Success, pp. 55–56, Ex. 1–10; Diagnostic Checkpoint, p. 73, Ex. 7; Discovery Channel, p. 86, Ex. 1–4; Diagnostic Checkpoint, p. 101, Ex. 1, 5; Discovery Channel, p. 120, Ex. 1–3; Chapter Test, pp. 121–122, Ex. 1–2, 10; Reading for Math Success, pp. 131–132, Ex. 1–12; Diagnostic Checkpoint, p. 135, Ex. 1–2, 5; Cumulative Review and Test Prep, p. 148, Ex. 1–4; Test Talk, p. 151, Ex. 1–2; Discovery Channel, p. 152, Ex. 1–3; Chapter Test, p. 154, Ex. 1, 3–6; Cumulative Review and Test Prep, p. 154B, Ex. 8; Cumulative Review and Test Prep, p. 164, Ex. 4; Cumulative Review and Test Prep, p. 238A, Ex. 4; Diagnostic Checkpoint, p. 293, Ex. 6; Cumulative Review and Test Prep, p. 306, Ex. 1–2; Cumulative Review and Test Prep, p. 328A, Ex. 1; Cumulative Review and Test Prep, p. 342, Ex. 1; Reading for Math Success, pp. 349–350, Ex. 2–4, 6–8; Diagnostic Checkpoint, p. 433, Ex. 1–3; Diagnostic Checkpoint, p. 449, Ex. 4–5; Discovery Channel, p. 454, Ex. 1–2; Chapter Test, p. 455–456, Ex. 1–4, 9; Test Talk, p. 489, Ex. 1–2; Discovery Channel, p. 490, Ex. 1–2



Correlation to Alabama Course of Study

Grade 1 Mathematics Content Standards

Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
(Content Standard 2 continued) <ul style="list-style-type: none"> Solving problems requiring the addition and subtraction of one- or two-digit numerals without regrouping 	Lesson 1-9, pp. 25A–25B, 25–26, Ex. 1–15; Lesson 1-10, pp. 27A–27B, 27–28, Ex. 1–12; Lesson 2-2, pp. 47A–47B, 47–48, Ex. 1–11; Lesson 2-3, pp. 49A–49B, 49–50, Ex. 1–11; Lesson 2-5, pp. 53A–53B, 53–54, Ex. 1–10; Lesson 2-8, pp. 63A–63B, 63–64, Ex. 1–10; Lesson 2-9, pp. 65A–65B, 65–66, Ex. 1–8; Lesson 2-10, pp. 67A–67B, 67–68, Ex. 1–14; Lesson 2-11, pp. 69A–69B, 69–70, Ex. 1–11; Lesson 2-14, pp. 77A–77B, 77–78, Ex. 1–4; Lesson 3-1, pp. 91A–91B, 91–92, Ex. 1–11; Lesson 3-3, pp. 95A–95B, 95–96, Ex. 1–11; Lesson 3-4, pp. 97A–97B, 97–98, Ex. 1–8; Lesson 3-6, pp. 103A–103B, 103–104, Ex. 1–11; Lesson 3-7, pp. 105A–105B, 105–106, Ex. 1–8; Lesson 3-8, pp. 107A–107B, 107–108, Ex. 1–10; Lesson 4-1, pp. 125A–125B, 125–126, Ex. 1–9; Lesson 4-2, pp. 127A–127B, 127–128, Ex. 1–12; Lesson 4-3, pp. 129A–129B, 129–130, Ex. 1–10; Lesson 8-4, pp. 291A–291B, 291–292, Ex. 1–7; Lesson 11-1, pp. 417A–417B, 417–418, Ex. 1–9; Lesson 11-2, pp. 419A–419B, 419–420, Ex. 1–8; Lesson 11-3, pp. 421A–421B, 421–422, Ex. 1–10; Lesson 11-4, pp. 423A–423B, 423–424, Ex. 1–9; Lesson 11-5, pp. 425A–425B, 425–426, Ex. 1–10; Lesson 11-10, pp. 439A–439B, 439–440, Ex. 1–13; Lesson 11-11, pp. 441A–441B, 441–442, Ex. 1–14; Lesson 11-12, pp. 443A–444B, 443–444, Ex. 1–12; Lesson 12-1, pp. 459A–459B, 459–460, Ex. 1–11; Lesson 12-2, pp. 461A–461B, 461–462, Ex. 1–13; Lesson 12-3, pp. 463A–463B, 463–464, Ex. 1–18; Lesson 12-4, pp. 465A–465B, 465–466, Ex. 2, 7–8, 11, 14–15; Lesson 12-6, pp. 471A–471B, 471–472, Ex. 1–15; Lesson 12-7, pp. 473A–473B, 473–474, Ex. 1–15; Lesson 12-8, pp. 475A–475B, 475–476, Ex. 1–7; Lesson 12-9, pp. 477A–478B, 477–478, Ex. 2, 5, 8, 11, 13; Lesson 12-10, pp. 483A–483B, 483–484, Ex. 1–5 Chapter 2: Investigation, pp. 43I–43J Chapter 3: Investigation, pp. 89I–89J Chapter 4: Investigation, pp. 123I–123J Chapter 11: Investigation, pp. 415I–415J Chapter 12: Investigation, pp. 457I–457J	Diagnostic Checkpoint, p. 35, Ex. 1–4; Cumulative Review and Test Prep, p. 36, Ex. 4–5; Chapter Test, p. 42, Ex. 8–11; Diagnostic Checkpoint, p. 59, Ex. 1–6; Cumulative Review and Test Prep, p. 60, Ex. 1–4; Diagnostic Checkpoint, p. 73, Ex. 3–6; Cumulative Review and Test Prep, p. 74, Ex. 3–4; Diagnostic Checkpoint, p. 81, Ex. 3–4; Learning with Technology, p. 84, Ex. 1–8; Chapter Test, pp. 87–88, Ex. 1–12; Cumulative Review and Test Prep, p. 88B, Ex. 8–12; Diagnostic Checkpoint, p. 101, Ex. 1–4; Diagnostic Checkpoint, p. 115, Ex. 1, 5; Cumulative Review and Test Prep, p. 116, Ex. 1–2, 4; Chapter Test, pp. 121–122, Ex. 1–10; Chapter Story, pp. 4B–4F; Diagnostic Checkpoint, p. 135, Ex. 1–6; Cumulative Review and Test Prep, p. 136, Ex. 1–5; Diagnostic Checkpoint, p. 147, Ex. 1–5; Cumulative Review and Test Prep, p. 148, Ex. 1–6; Test Talk, p. 151, Ex. 1–2; Chapter Test, pp. 153–154, Ex. 1–11; Cumulative Review and Test Prep, pp. 154A–154B, Ex. 5, 8; Cumulative Review and Test Prep, p. 196, Ex. 1–2; Cumulative Review and Test Prep, p. 238B, Ex. 5; Cumulative Review and Test Prep, p. 254, Ex. 1; Diagnostic Checkpoint, p. 293, Ex. 6; Discovery Channel, p. 326, Ex. 1; Cumulative Review and Test Prep, p. 328B, Ex. 7; Diagnostic Checkpoint, p. 433, Ex. 1–3; Cumulative Review and Test Prep, p. 450, Ex. 1; Chapter Test, p. 455, Ex. 1–2; Diagnostic Checkpoint, p. 469, Ex. 1–3, 5; Diagnostic Checkpoint, p. 485, Ex. 1–5, 7; Cumulative Review and Test Prep, p. 486, Ex. 2–5; Chapter Test, pp. 491–492, Ex. 1–8, 10, 13; Cumulative Review and Test Prep, pp. 492A–492B, Ex. 1–2, 5–6
<ul style="list-style-type: none"> Using three or more addends 	Lesson 1-8, pp. 21A–21B, 21–22, Ex. 1–10; Lesson 7-9, pp. 261A–261B, 261–262, Ex. 1–4; Lesson 11-6, pp. 427A–427B, 427–428, Ex. 1–7; Enrichment, p. 451, Ex. 1–5	Diagnostic Checkpoint, p. 23, Ex. 7–8; Cumulative Review and Test Prep, p. 24, Ex. 2; Chapter Test, p. 42, Ex. 14; Cumulative Review and Test Prep, p. 82, Ex. 1; Discovery Channel, p. 120, Ex. 3; Discovery Channel, p. 152, Ex. 3; Reading for Math Success, pp. 259–260, Ex. 2, 4; Diagnostic Checkpoint, p. 271, Ex. 3; Chapter Test, p. 278, Ex. 10; Discovery Channel, p. 360, Ex. 3; Cumulative Review and Test Prep, p. 450, Ex. 2; Test Talk, p. 453, Ex. 2



Correlation to Alabama Course of Study

Grade 1 Mathematics Content Standards

Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
3. Demonstrate computational fluency of basic addition and subtraction facts by identifying sums to 10 and differences with minuends of 10 or less.	Enrichment, p. 149, Ex. 2, 4	Cumulative Review and Test Prep, p. 294, Ex. 5; Practice Game, p. 416
4. Identify parts of a whole with two, three, or four equal parts.	Lesson 5-10, pp. 181A–181B, 181–182, Ex. 1–13; Lesson 5-11, pp. 183A–183B, 183–184, Ex. 1–13; Lesson 5-12, pp. 185A–185B, 185–186, Ex. 1–11; Lesson 5-14, pp. 189A–189B, 189–190, Ex. 1, 3, 5, 7, 9–10 Chapter 5: Investigation, p. 155J	Chapter Story, pp. 5B–5F; Practice Game, p. 156; Diagnostic Checkpoint, p. 195, Ex. 1–2; Test Talk, p. 199, Ex. 1; Cumulative Review and Test Prep, p. 218, Ex. 4; Cumulative Review and Test Prep, p. 232, Ex. 3; Cumulative Review and Test Prep, p. 238A, Ex. 3; Cumulative Review and Test Prep, p. 294, Ex. 4
<ul style="list-style-type: none"> Dividing an object into equal parts 	Lesson 5-11, p. 184, Ex. 4–12; Lesson 5-12, pp. 186, Ex. 5–10	Chapter Test, p. 202, Ex. 9–10

Algebra

Content Standard	Instruction and Practice	Additional Practice and Assessment
5. Create repeating patterns.	Lesson 1-2, pp. 5A–5B, 5–6, Ex. 1–4; Lesson 1-3, p. 8, Ex. 3 Chapter 1: Investigation, p. 11	Diagnostic Checkpoint, p. 9, Ex. 2; Chapter Test, p. 41, Ex. 2
<ul style="list-style-type: none"> Describing characteristics of patterns 	Lesson 1-1, pp. 3A–3B, 3–4, Ex. 1–8; Lesson 1-3, pp. 7A–7B, 7–8, Ex. 1–2, 4; Lesson 7-9, pp. 261A–261B, 261–262, Ex. 1–4 Chapter 1: Investigation, p. 11	Home-School Connection, p. 1; Diagnostic Checkpoint, p. 9, Ex. 1, 3; Cumulative Review and Test Prep, p. 10, Ex. 1–3; Cumulative Review and Test Prep, p. 24, Ex. 1; Chapter Test, p. 41, Ex. 3; Cumulative Review and Test Prep, p. 88A, Ex. 3; Think About It, p. 118; Cumulative Review and Test Prep, p. 154A, Ex. 1; Reading for Math Success, pp. 259–260, Ex. 2, 4; Diagnostic Checkpoint, p. 271, Ex. 3; Learning with Technology, p. 274, Ex. 1–4; Test Talk, p. 275, Ex. 1–2; Chapter Test, p. 278, Ex. 10
<ul style="list-style-type: none"> Extending patterns including number patterns 	Lesson 1-1, pp. 3A–3B, 3–4, Ex. 1–8; Lesson 1-2, p. 6, Ex. 5; Lesson 1-3, pp. 7A–7B, 7–8, Ex. 1–2; Lesson 1-13, p. 34, Ex. 1–2; Enrichment, p. 37, Ex. 1–4; Lesson 2-5, p. 54, Ex. 10; Lesson 3-7, p. 106, Ex. 8; Lesson 4-1, p. 126, Ex. 9; Lesson 7-8, p. 258, Ex. 6–7; Lesson 7-10, pp. 263A–263B, 263–264, Ex. 1–9; Lesson 8-9, p. 302, Ex. 16–17; Lesson 11-3, p. 422, Ex. 10; Lesson 12-2, p. 462, Ex. 13; Lesson 12-8, p. 476, Ex. 7 Chapter 1: Investigation, p. 11	Diagnostic Checkpoint, p. 9, Ex. 1, 3; Cumulative Review and Test Prep, p. 10, Ex. 1; Cumulative Review and Test Prep, p. 36, Ex. 1; Chapter Test, p. 41, Ex. 1; Cumulative Review and Test Prep, p. 74, Ex. 1; Learning with Technology, p. 118, Ex. 5–7; Learning with Technology, p. 150, Ex. 5–8; Learning with Technology, p. 274, Ex. 1–4
<ul style="list-style-type: none"> Identifying patterns in the environment 	Lesson 1-13, pp. 33–34, Ex. 4–5, 7	Discovery Channel, p. 200, Ex. 1–3



Correlation to Alabama Course of Study

Grade 1 Mathematics Content Standards

Algebra (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
6. Solve problems using the identity and commutative properties of addition.	Lesson 2-4, pp. 51A-51B, 51-52, Ex. 1-10; Lesson 3-2, pp. 93A-93B, 93-94, Ex. 1-12; Lesson 3-6, p. 104, Ex. 6, 8	Diagnostic Checkpoint, p. 59, Ex. 4; Cumulative Review and Test Prep, p. 74, Ex. 3; Chapter Test, p. 87, Ex. 1; Cumulative Review and Test Prep, p. 88B, Ex. 8; Diagnostic Checkpoint, p. 101, Ex. 2; Cumulative Review and Test Prep, p. 102, Ex. 1; Cumulative Review and Test Prep, p. 116, Ex. 5; Chapter Test, pp. 121-122, Ex. 3, 9; Cumulative Review and Test Prep, p. 136, Ex. 3; Cumulative Review and Test Prep, p. 154B, Ex. 7
7. Demonstrate relationships between operations.	Enrichment, p. 83, Ex. 1-4; Lesson 4-5, pp. 137A-137B, 137-138, Ex. 1-9; Lesson 4-6, pp. 139A-139B, 139-140, Ex. 1-7; Lesson 4-7, pp. 141A-141B, 141-142, Ex. 1-12; Lesson 11-8, pp. 435A-435B, 435-436, Ex. 1-11; Lesson 11-9, pp. 437A-437B, 437-438, Ex. 1-5; Lesson 11-10, pp. 439A-439B, 439-440, Ex. 1-12	Home-School Connection, p. 123; Diagnostic Checkpoint, p. 135, Ex. 3-4; Diagnostic Checkpoint, p. 147, Ex. 1-2, 4; Chapter Test, pp. 153-154, Ex. 2, 5-9; Cumulative Review and Test Prep, p. 154A, Ex. 2-3; Cumulative Review and Test Prep, p. 164, Ex. 2-4; Cumulative Review and Test Prep, p. 196, Ex. 3; Cumulative Review and Test Prep, p. 342, Ex. 3; Home-School Connection, p. 415; Diagnostic Checkpoint, p. 449, Ex. 1-3; Learning with Technology, p. 452, Ex. 1-4; Chapter Test, pp. 455-456, Ex. 5-7; Cumulative Review and Test Prep, p. 486, Ex. 2; Cumulative Review and Test Prep, pp. 492A-492B, Ex. 5, 8, 10

Geometry

Content Standard	Instruction and Practice	Additional Practice and Assessment
8. Differentiate among plane shapes, including circles, squares, rectangles, and triangles.	Lesson 5-4, p. 165, Ex. 1-4; Lesson 5-5, pp. 167A-167B, 167-168, Ex. 1-9; Lesson 8-11, p. 308, Ex. 2-3 Chapter 5: Investigation, p. 155I	Readiness, p. R3, Ex. 1; Home-School Connection, p. 155; Diagnostic Checkpoint, p. 163, Ex. 5; Cumulative Review and Test Prep, p. 196, Ex. 4; Chapter Test, p. 201, Ex. 5; Diagnostic Checkpoint, p. 321, Ex. 1; Cumulative Review and Test Prep, p. 470, Ex. 3-4
• Describing similarities and differences between plane and solid shapes	Lesson 5-2, pp. 159A-159B, 159-160, Ex. 1-10; Lesson 5-3, pp. 161A-161B, 161-162, Ex. 1-9; Lesson 5-5, pp. 167A-167B, 167-168, Ex. 1-9; Lesson 5-6, pp. 169A-169B, 169-170, Ex. 1-6, 11; Enrichment, p. 197, Ex. 1-6	Diagnostic Checkpoint, p. 135, Ex. 3-4; Diagnostic Checkpoint, p. 179, Ex. 1-2; Cumulative Review and Test Prep, p. 180, Ex. 4-5; Cumulative Review and Test Prep, p. 238A, Ex. 2
• Transferring shape combinations from one representation (dimension) to another	Lesson 5-9, pp. 177-178, Ex. 1-2	Diagnostic Checkpoint, p. 179, Ex. 5
• Recognizing real-life examples of line symmetry	Lesson 5-7, pp. 171A-171B, 171-172, Ex. 1-10; Lesson 5-16, p. 195, Ex. 7	Diagnostic Checkpoint, p. 179, Ex. 3; Test Talk, p. 199, Ex. 2; Chapter Test, p. 202, Ex. 8; Cumulative Review and Test Prep, p. 382, Ex. 3; Cumulative Review and Test Prep, p. 414B, Ex. 7
• Changing the position of objects or shapes by sliding (translation) and turning (rotation)	Lesson 5-8, pp. 173A-173B, 173-174, Ex. 1-2, 4-5	Learning with Technology, p. 198, Ex. 4-6; Chapter Test, p. 202, Ex. 7; Cumulative Review and Test Prep, p. 238B, Ex. 6; Cumulative Review and Test Prep, p. 492B, Ex. 7
• Combining shapes to fill in the area of a given shape	Lesson 10-7, pp. 379A-379B, 379-380, Ex. 1-4	Diagnostic Checkpoint, p. 381, Ex. 5; Chapter Test, p. 413, Ex. 5



Correlation to Alabama Course of Study

Grade 1 Mathematics Content Standards

Geometry (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
9. Identify solid shapes in the environment, including cubes, rectangular prisms, cones, spheres, and cylinders.	Lesson 5-1, p. 157, Ex. 1–4; Lesson 5-3, p. 162, Ex. 4–7; Lesson 5-16, pp. 194–195, Ex. 1–2, 8	Diagnostic Checkpoint, p. 135, Ex. 1–2; Cumulative Review and Test Prep, p. 180, Ex. 3; Chapter Test, p. 201, Ex. 1–2

Measurement

Content Standard	Instruction and Practice	Additional Practice and Assessment
10. Compare objects according to length, weight, and capacity.	Lesson 10-8, p. 384, Ex. 7; Lesson 10-9, p. 386, Ex. 10; Lesson 10-10, pp. 387A–387B, 387–388, Ex. 1–10; Lesson 10-11, pp. 389A–389B, 389–390, Ex. 1–5; Lesson 10-12, pp. 391A–391B, 391–392, Ex. 1–12	Diagnostic Checkpoint, p. 399, Ex. 1–5; Discovery Channel, p. 412, Ex. 1–5; Chapter Test, p. 414, Ex. 6–7; Cumulative Review and Test Prep, p. 414B, Ex. 5–6
<ul style="list-style-type: none"> Measuring the length of objects using a variety of nonstandard units 	Lesson 10-1, pp. 365A–365B, 365–366, Ex. 1–7; Enrichment, p. 409, Ex. 1–3	Home-School Connection, p. 363; Diagnostic Checkpoint, p. 381, Ex. 1; Cumulative Review and Test Prep, p. 408, Ex. 1
<ul style="list-style-type: none"> Ordering according to attributes 	Lesson 10-1, p. 366, Ex. 8; Lesson 10-11, p. 390, Ex. 6; Lesson 10-18, p. 405, Ex. 1–3	Diagnostic Checkpoint, p. 399, Ex. 5; Cumulative Review and Test Prep, p. 408, Ex. 2–3
11. Identify the hour using analog and digital clocks.	Lesson 6-2, pp. 207A–207B, 207–208, Ex. 1–13; Lesson 6-3, pp. 209A–209B, 209–210, Ex. 1–6	Diagnostic Checkpoint, p. 217, Ex. 1–2; Lesson 6-8, p. 223, Ex. 3; Chapter Test, p. 237, Ex. 2–3; Cumulative Review and Test Prep, p. 238A, Ex. 1
<ul style="list-style-type: none"> Identifying the half hour using analog and digital clocks 	Lesson 6-4, pp. 211A–211B, 211–212, Ex. 1–10; Lesson 6-8, p. 223, Ex. 1–3; Lesson 6-11, pp. 229–230, Ex. 2, 4	Chapter Story, pp. 6B–6F; Home-School Connection, p. 203; Practice Game, p. 204; Reading for Math Success, pp. 213–214, Ex. 2, 4–5; Diagnostic Checkpoint, p. 217, Ex. 3–4; Chapter Test, pp. 237–238, Ex. 4–5; Cumulative Review and Test Prep, p. 306, Ex. 3; Cumulative Review and Test Prep, p. 322, Ex. 3; Cumulative Review and Test Prep, p. 328A, Ex. 5; Cumulative Review and Test Prep, p. 400, Ex. 5
12. Locate days, dates, and months on a calendar.	Lesson 6-9, pp. 225A–225B, 225–226, Ex. 1–10; Lesson 6-10, pp. 227A–227B, 227–228, Ex. 1–6; Lesson 6-11, p. 230, Ex. 6–7; Lesson 7-7, p. 256, Ex. 4	Diagnostic Checkpoint, p. 231, Ex. 4–5; Chapter Test, p. 237, Ex. 6–7; Cumulative Review and Test Prep, p. 238B, Ex. 8; Cumulative Review and Test Prep, p. 272, Ex. 4; Cumulative Review and Test Prep, p. 434, Ex. 1
<ul style="list-style-type: none"> Using vocabulary associated with a calendar 	Lesson 6-9, pp. 225A–225B, 225–226, Ex. 1–10; Lesson 6-10, pp. 227A–227B, 227–228, Ex. 1–6; Lesson 6-11, p. 230, Ex. 6–7	Home-School Connection, p. 203; Diagnostic Checkpoint, p. 231, Ex. 4–5; Chapter Test, p. 237, Ex. 6–7; Cumulative Review and Test Prep, p. 238B, Ex. 8; Think About It, p. 267; Cumulative Review and Test Prep, p. 470, Ex. 5



Correlation to Alabama Course of Study

Grade 1 Mathematics Content Standards

Data Analysis and Probability

Content Standard	Instruction and Practice	Additional Practice and Assessment
13. Organize objects or information into pre-determined and labeled data displays, including pictographs, tally charts, bar graphs, or double-loop Venn diagrams.	Lesson 5-9, pp. 177A–177B, 177–178, Ex. 1–2; Lesson 5-15, pp. 191A–191B, 191–192, Ex. 1–5; Lesson 8-12, pp. 309–310, Ex. 1, 4; Lesson 8-13, pp. 311–312, Ex. 1, 3; Lesson 8-14, pp. 313–314, Ex. 1, 4; Lesson 8-17, p. 320, Ex. 4; Lesson 10-17, p. 403, Ex. 1; Lesson 11-7, pp. 431–432, Ex. 1–2; Lesson 12-10, pp. 481–482, Ex. 1–2	Diagnostic Checkpoint, p. 195, Ex. 5; Cumulative Review and Test Prep, p. 218, Ex. 3; Diagnostic Checkpoint, p. 321, Ex. 1; Learning with Technology, p. 324, Ex. 1–7; Practice Game, p. 364; Learning with Technology, p. 410, Ex. 4, 6; Reading for Math Success, p. 430, Ex. 6; Reading for Math Success, p. 480, Ex. 5
<ul style="list-style-type: none">• Generating simple questions for data collection	Lesson 8-12, pp. 309–310, Ex. 1, 4; Lesson 8-13, pp. 311–312, Ex. 1, 3; Lesson 10-18, p. 406, Ex. 7	
<ul style="list-style-type: none">• Creating displays with appropriate labels	Lesson 8-17, p. 320, Ex. 6; Lesson 10-18, p. 406, Ex. 7	Learning with Technology, p. 234, Ex. 1–5; Learning with Technology, p. 324, Ex. 1–7



Correlation to Alabama Course of Study

Grade 2 Mathematics Content Standards

Number and Operations

Content Standard	Instruction and Practice	Additional Practice and Assessment
1. Demonstrate concepts of number sense by using multiple representations of whole numbers up to 1000, counting forward and backward by threes from a given number, identifying a number that is 100 more or 100 less than a given number, and differentiating between odd and even numbers.	<p>Lesson 3-1, pp. 81A–81B, 81–82, Ex. 1–6; Lesson 3-2, pp. 83A–83B, 83–84, Ex. 1–5; Lesson 3-3, pp. 85A–85B, 85–86, Ex. 1–19; Lesson 3-4, pp. 89A–89B, 89–90, Ex. 1–3; Lesson 3-8, pp. 99A–99B, 99–100, Ex. 1–13; Lesson 3-9, pp. 101A–101B, 101–102, Ex. 1–12; Lesson 4-12, p. 164, Ex. 4; Lesson 10-1, pp. 391A–391B, 391–392, Ex. 1–8; Lesson 10-2, pp. 393A–393B, 393–394, Ex. 1–12; Lesson 10-3, pp. 395A–395B, 395–396, Ex. 1–7; Lesson 10-4, pp. 397A–397B, 397–398, Ex. 1–6; Lesson 10-11, pp. 415–416, Ex. 1, 4</p> <p>Chapter 3: Investigation, p. 79I</p> <p>Chapter 10: Investigation, p. 389I</p>	<p>Diagnostic Checkpoint, p. 93, Ex. 1–5; Cumulative Review and Test Prep, p. 107, Ex. 1–7; Cumulative Review and Test Prep, p. 126, Ex. 1–2, 5–6; Chapter Test, pp. 131–132, Ex. 1, 3–11; Cumulative Review and Test Prep, p. 152, Ex. 1; Cumulative Review and Test Prep, p. 166, Ex. 4; Chapter Test, pp. 171–172, Ex. 1–6, 11–12; Cumulative Review and Test Prep, p. 172A, Ex. 5–8; Cumulative Review and Test Prep, p. 224, Ex. 1–4; Cumulative Review and Test Prep, p. 254, Ex. 1–2; Cumulative Review and Test Prep, p. 318, Ex. 1; Reading for Math Success, p. 349, Think About It; Diagnostic Checkpoint, p. 403, Ex. 1–3, 5; Test Talk, p. 421, Ex. 2; Chapter Test, p. 423, Ex. 1–3, 5; Cumulative Review and Test Prep, p. 442, Ex. 1–2; Cumulative Review and Test Prep, p. 498A, Ex. 5</p>
<ul style="list-style-type: none"> Identifying position using ordinal numbers to 100th 	<p>Lesson 3-10, pp. 103A–103B, 103–104, Ex. 1–17</p>	<p>Cumulative Review and Test Prep, p. 34, Ex. 2; Cumulative Review and Test Prep, p. 107, Ex. 8; Chapter Test, p. 132, Ex. 12; Cumulative Review and Test Prep, p. 244A, Ex. 1; Cumulative Review and Test Prep, p. 282, Ex. 1</p>
<ul style="list-style-type: none"> Determining the value of a digit in the ones, tens, hundreds, and thousands place 	<p>Lesson 10-2, p. 394, Ex. 11–12; Lesson 10-11, p. 416, Ex. 4</p>	<p>Investigating the Concept, p. 393A; Reaching All Learners, English Language Learners, p. 393B; Diagnostic Checkpoint, p. 403, Ex. 5; Chapter Test, p. 423, Ex. 5</p>
<ul style="list-style-type: none"> Determining the value of a number expressed in expanded notation 	<p>Lesson 10-3, pp. 395A–395B, 395–396, Ex. 1–7; Lesson 10-7 p. 405–406, Ex. 3, 8</p>	<p>Diagnostic Checkpoint, p. 403, Ex. 2; Chapter Test, p. 423, Ex. 2</p>



Correlation to Alabama Course of Study

Grade 2 Mathematics Content Standards

Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
<p>2. Apply the operations of addition and subtraction to solve problems involving two-digit numerals, using multiple strategies with and without regrouping.</p>	<p>Lesson 4-1, pp. 135A–135B, 135–136, Ex. 1–11; Lesson 4-2, pp. 137A–137B, 137–138, Ex. 1–11; Lesson 4-3, pp. 139A–139B, 139–140, Ex. 1–12; Lesson 4-5, pp. 145A–145B, 145–146, Ex. 1–11; Lesson 4-6, pp. 147A–147B, 147–148, Ex. 1–12; Lesson 4-8, pp. 155A–155B, 155–156, Ex. 1–5; Lesson 4-9, pp. 157A–157B, 157–158, Ex. 1–6; Lesson 4-10, pp. 159A–159B, 159–160, Ex. 1–16; Lesson 4-11, pp. 161A–161B, 161–162, Ex. 1–7; Lesson 5-1, pp. 175A–175B, 175–176, Ex. 1–12; Lesson 5-2, pp. 177A–177B, 177–178, Ex. 1–4; Lesson 5-3, pp. 179A–179B, 179–180, Ex. 1–5; Lesson 5-4, pp. 181A–181B, 181–182, Ex. 1–5; Lesson 5-5, pp. 185A–185B, 185–186, Ex. 1–6; Lesson 5-6, pp. 187A–187B, 187–188, Ex. 1–5; Lesson 5-7, pp. 189A–189B, 189–190, Ex. 1–5; Lesson 5-8, pp. 191A–191B, 191–192, Ex. 1–8; Lesson 5-9, pp. 193A–193B, 193–194, Ex. 1–10; Lesson 5-10, pp. 197A–197B, 197–198, Ex. 1–5; Lesson 5-11, pp. 199A–199B, 199–200, Ex. 1–3; Lesson 6-1, pp. 211A–211B, 211–212, Ex. 1–12; Lesson 6-2, pp. 213A–213B, 213–214, Ex. 1–5; Lesson 6-3, pp. 215A–215B, 215–216, Ex. 1–6; Lesson 6-4, pp. 217A–217B, 217–218, Ex. 1–5; Lesson 6-5, pp. 221A–221B, 221–222, Ex. 1–5; Lesson 6-6, pp. 225A–225B, 225–226, Ex. 1–7; Lesson 6-7, pp. 227A–227B, 227–228, Ex. 1–12; Lesson 6-8, pp. 229A–229B, 229–230, Ex. 1–6; Lesson 6-9, pp. 231A–231B, 231–232, Ex. 1–10; Lesson 6-10, pp. 233A–233B, 233–234, Ex. 1–6; Lesson 6-11, pp. 235A–235B, 235–236, Ex. 1, 4–5; Lesson 7-14, p. 279, Ex. 1; Lesson 8-17, p. 330, Ex. 6–7</p> <p>Chapter 4: Investigation, p. 133J</p> <p>Chapter 5: Investigation, p. 173I–173J</p> <p>Chapter 6: Investigation, p. 209I–209J</p>	<p>Chapter Story, pp. 4A–4F; Practice Game, p. 134; Diagnostic Checkpoint, p. 143, Ex. 1–6; Diagnostic Checkpoint, p.151, Ex. 1–6; Cumulative Review and Test Prep, p. 152, Ex. 7; Diagnostic Checkpoint, p. 165, Ex. 1, 3–5; Enrichment, p. 167, Ex. 1–5; Learning with Technology, p. 168, Ex. 2–8; Test Talk, p. 169, Ex. 1–2; Chapter Test, pp. 171–172, Ex. 1–8, 10–12, 15; Cumulative Review and Test Prep, p. 172A, Ex. 7–9; Chapter Story, pp. 5A–5F; Practice Game, p. 174; Diagnostic Checkpoint, p. 183, Ex. 1–6; Cumulative Review and Test Prep, p. 184, Ex. 1; Diagnostic Checkpoint, p. 201, Ex. 1–6; Cumulative Review and Test Prep, p. 202, Ex. 5–6; Enrichment, p. 203, Ex. 1–5; Learning with Technology, p. 204, Ex. 1–4; Test Talk, p. 205, Ex. 1–2; Discovery Channel, p. 206, Ex. 1–3; Chapter Test, pp. 207–208, Ex. 1–10; Chapter Story, pp. 6A–6D; Practice Game, p. 210; Diagnostic Checkpoint, p. 223, Ex. 1–5; Cumulative Review and Test Prep, p. 224, Ex. 3–4; Diagnostic Checkpoint, p. 237, Ex. 1–7; Cumulative Review and Test Prep, p. 238, Ex. 2–7; Enrichment, p. 239, Ex. 1–4; Learning with Technology, p. 240; Test Talk, p. 241, Ex. 1–2; Discovery Channel, p. 242, Ex. 3–5; Chapter Test, pp. 243–244, Ex. 1–12; Cumulative Review and Test Prep, pp. 244A–244B, Ex. 5–11; Cumulative Review and Test Prep, p. 254, Ex. 3–6; Cumulative Review and Test Prep, p. 268, Ex. 5–7; Cumulative Review and Test Prep, p. 282, Ex. 2–3; Cumulative Review and Test Prep, p. 308, Ex. 2, 5; Cumulative Review and Test Prep, p. 318, Ex. 4–5; Cumulative Review and Test Prep, p. 332, Ex. 3–6; Cumulative Review and Test Prep, p. 338B, Ex. 10; Cumulative Review and Test Prep, p. 362, Ex. 3–4, 8; Diagnostic Checkpoint, p. 381, Ex. 7; Cumulative Review and Test Prep, p. 382, Ex. 6; Test Talk, p. 385, Ex. 1–2; Cumulative Review and Test Prep, p. 404, Ex. 3; Cumulative Review and Test Prep, p. 424A, Ex. 5–6; Cumulative Review and Test Prep, p. 424B, Ex. 9; Cumulative Review and Test Prep, p. 442, Ex. 1–2; Cumulative Review and Test Prep, p. 458, Ex. 1–4; Cumulative Review and Test Prep, p. 492, Ex. 1–3; Cumulative Review and Test Prep, p. 498A, Ex. 3; Cumulative Review and Test Prep, p. 498B, Ex. 8, 12</p>



Correlation to Alabama Course of Study

Grade 2 Mathematics Content Standards

Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
(Content Standard 2 continued) <ul style="list-style-type: none"> Demonstrating computational fluency for basic addition and subtraction facts with sums through 18 and differences with minuends through 18, using horizontal and vertical forms 	Lesson 1-1, pp. 3A–3B, 3–4, Ex. 1–7; Lesson 1-2, pp. 5A–5B, 5–6, Ex. 1–9; Lesson 1-3, pp. 9A–9B, 9–10, Ex. 1–8; Lesson 1-4, pp. 13A–13B, 13–14, Ex. 1–11; Lesson 1-5, pp. 15A–15B, 15–16, Ex. 1–8; Lesson 1-6, pp. 17A–17B, 17–18, Ex. 1–7; Lesson 1-7, pp. 19A–19B, 19–20, Ex. 1–6; Lesson 1-8, pp. 23A–23B, 23–24, Ex. 1–12; Lesson 1-9, pp. 25A–25B, 25–26, Ex. 1–20; Lesson 1-10, pp. 27A–27B, 27–28, Ex. 1–10; Lesson 1-11, pp. 29A–29B, 29–30, Ex. 1–7; Lesson 1-12, pp. 31A–31B, 31–32, Ex. 1–7; Lesson 2-1, pp. 43A–43B, 43–44, Ex. 1–12; Lesson 2-2, pp. 45A–45B, 45–46, Ex. 1–11; Lesson 2-3, pp. 47A–47B, 47–48, Ex. 1–9; Lesson 2-4, pp. 49A–49B, 49–50, Ex. 1–13; Lesson 2-5, pp. 51A–51B, 51–52, Ex. 1–8; Lesson 2-6, pp. 53A–53B, 53–54, Ex. 1–8; Lesson 2-7, pp. 57A–57B, 57–58, Ex. 1–7; Lesson 2-8, pp. 61A–61B, 61–62, Ex. 1–8; Lesson 2-9, pp. 63A–63B, 63–64, Ex. 1–12; Lesson 2-10, pp. 65A–65B, 65–66, Ex. 1–7; Lesson 2-11, pp. 67A–67B, 67–68, Ex. 1–7; Lesson 2-12, pp. 69A–69B, 69–70, Ex. 1–5; Lesson 4-12, p. 163, Ex. 2–3; Lesson 6-11, p. 235, Ex. 2; Lesson 8-17, p. 330, Ex. 6 Chapter 1: Investigation, pp. 11–1J Chapter 2: Investigation, pp. 411–41J	Chapter Story, pp. 1A–1F; Practice Game, p. 2; Reading for Math Success, pp. 7–8, Ex. 3–4, 7–8; Diagnostic Checkpoint, p. 11, Ex. 1–6; Cumulative Review and Test Prep, p. 12, Ex. 5–6; Diagnostic Checkpoint, p. 21, Ex. 1–6; Cumulative Review and Test Prep, p. 22, Ex. 3–5; Diagnostic Checkpoint, p. 33, Ex. 1–9; Cumulative Review and Test Prep, p. 34, Ex. 1, 4–7; Enrichment, p. 35, Ex. 1–9; Learning with Technology, p. 36, Ex. 1–4; Test Talk, p. 37, Ex. 1–2; Chapter Test, pp. 39–40, Ex. 1–14; Chapter Story, pp. 2A–2F; Practice Game, p. 42; Reading for Math Success, pp. 55–56, Think About It, Ex. 4–5; Diagnostic Checkpoint, p. 59, Ex. 1–3, 5–6; Cumulative Review and Test Prep, p. 60, Ex. 1–5; Diagnostic Checkpoint, p. 71, Ex. 1–5; Cumulative Review and Test Prep, p. 72, Ex. 1–5; Enrichment, p. 73, Ex. 1–7; Learning with Technology, p. 74, Ex. 1–11; Discovery Channel, p. 76, Ex. 1–2; Chapter Test, pp. 77–78, Ex. 1–14; Cumulative Review and Test Prep, pp. 78A–78B, Ex. 1–12; Cumulative Review and Test Prep, p. 94, Ex. 1–7; Cumulative Review and Test Prep, p. 108, Ex. 2–8; Cumulative Review and Test Prep, p. 126, Ex. 3–4, 7–9; Cumulative Review and Test Prep, p. 144, Ex. 1–6; Cumulative Review and Test Prep, p. 152, Ex. 2–6; Cumulative Review and Test Prep, p. 166, Ex. 1–3, 6–7; Cumulative Review and Test Prep, p. 172A–172B, Ex. 1–4, 9, 13–14; Cumulative Review and Test Prep, p. 184, Ex. 2–5; Cumulative Review and Test Prep, p. 202, Ex. 1–2; Reading for Math Success, p. 219, Think About It; Cumulative Review and Test Prep, p. 224, Ex. 7; Cumulative Review and Test Prep, p. 244A, Ex. 2; Cumulative Review and Test Prep, p. 254, Ex. 1; Reading for Math Success, p. 263, Ex. 3–4; Cumulative Review and Test Prep, p. 268, Ex. 1; Practice Game, p. 290; Cumulative Review and Test Prep, p. 308, Ex. 1–2; Cumulative Review and Test Prep, p. 332, Ex. 1; Cumulative Review and Test Prep, p. 338A, Ex. 3–4; Cumulative Review and Test Prep, p. 338B, Ex. 9; Cumulative Review and Test Prep, p. 424A, Ex. 1
<ul style="list-style-type: none"> Interpreting multiplication as repeated addition and division as equal groupings 	Lesson 12-1, pp. 467A–467B, 467–468, Ex. 1–10; Lesson 12-2, pp. 469A–469B, 469–470, Ex. 1–10; Lesson 12-7, pp. 483A–483B, 483–484, Ex. 1–11; Lesson 12-10, pp. 489A–489B, 489–490, Ex. 1, 3–4, 6	Chapter Story, pp. 12A–12F; Practice Game, p. 466; Reading for Math Success, p. 478, Ex. 4–7; Diagnostic Checkpoint, p. 481, Ex. 1–8; Diagnostic Checkpoint, p. 491, Ex. 1–4; Enrichment, p. 493, Ex. 1–4; Test Talk, p. 495, Ex. 1–2; Discovery Channel, p. 496, Ex. 1–3; Chapter Test, pp. 497–498, Ex. 1–4, 11–14
<ul style="list-style-type: none"> Solving multistep addition and subtraction problems originating from real-life experiences 	Lesson 9-16, pp. 377A–377B, 377–378, Ex. 1–6	Investigating the Concept, p. 377A; Reachig All Learners, English Language Learners, p. 377B; Diagnostic Checkpoint, p. 381, Ex. 7; Chapter Test, p. 388, Ex. 13
<ul style="list-style-type: none"> Justifying the strategy used to solve addition and subtraction problems 	Lesson 1-7, pp. 19A–19B, 19–20, Ex. 1–6; Lesson 5-9, pp. 193A–193B, 193–194, Ex. 1–9; Lesson 6-9, pp. 231A–231B, 231–232, Ex. 1–10 Chapter 6: Investigation, p. 209I	Diagnostic Checkpoint, p. 21, Ex. 4; Test Talk, p. 129, Ex. 1–2; Diagnostic Checkpoint, p. 201, Ex. 3–4; Chapter Test, p. 208, Ex. 7–8; Diagnostic Checkpoint, p. 237, Ex. 4–5; Chapter Test, p. 244, Ex. 9–10; Cumulative Review and Test Prep, p. 308, Ex. 6; Cumulative Review and Test Prep, p. 338B, Ex. 7–8; Cumulative Review and Test Prep, p. 382, Ex. 6
<ul style="list-style-type: none"> Using an estimate to determine if an answer is reasonable 	Lesson 4-4, pp. 141A–141B, 141–142, Ex. 1–7; Lesson 4-7, pp. 149A–149B, 149–150, Ex. 1–13; Lesson 5-8, pp. 191A–191B, 191–192, Ex. 1–7; Lesson 6-8, pp. 229A–229B, 229–230, Ex. 1–6 Chapter 4: Investigation, p. 133I	Diagnostic Checkpoint, p. 143, Ex. 7; Diagnostic Checkpoint, p. 151, Ex. 7–10; Test Talk, p. 169, Ex. 1–2; Discovery Channel, p. 170, Ex. 1–3; Chapter Test, pp. 171–172, Ex. 9, 13; Chapter Test, p. 208, Ex. 6; Diagnostic Checkpoint, p. 237, Ex. 6; Chapter Test, p. 244, Ex. 11; Cumulative Review and Test Prep, p. 244B, Ex. 10; Cumulative Review and Test Prep, p. 498B, Ex. 7



Correlation to Alabama Course of Study

Grade 2 Mathematics Content Standards

Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
3. Label equal parts of a whole using $\frac{1}{2}$, $\frac{1}{3}$, and $\frac{1}{4}$.	Lesson 7-9, pp. 269–270, Ex. 9–13; Lesson 7-10, pp. 271A–272B, 271–272, Ex. 1–15	Diagnostic Checkpoint, p. 281, Ex. 7–9; Chapter Test, p. 288, Ex. 13; Cumulative Review and Test Prep, p. 372, Ex. 1–2; Cumulative Review and Test Prep, p. 404, Ex. 1–2; Cumulative Review and Test Prep, p. 424B, Ex. 11–12
4. Determine the monetary value of sets of coins and bills up to \$2.00.	Lesson 3-12, pp. 109A–109B, 109–110, Ex. 1–7; Lesson 3-13, pp. 111A–111B, 111–112, Ex. 1–5; Lesson 3-14, pp. 113A–113B, 113–114, Ex. 1–6; Lesson 3-15, pp. 115A–115B, 115–116, Ex. 1–6; Lesson 3-16, pp. 117A–117B, 117–118, Ex. 1–16; Lesson 3-18, pp. 121A–121B, 121–122, Ex. 1–8 Chapter 3: Investigation, p. 79J	Cumulative Review and Test Prep, p. 12, Ex. 1; Cumulative Review and Test Prep, p. 22, Ex. 2; Diagnostic Checkpoint, p. 125, Ex. 1–9; Enrichment, p. 127, Ex. 2, 4; Chapter Test, p. 132, Ex. 16; Chapter Story, pp. 4A–4F; Cumulative Review and Test Prep, p. 166, Ex. 5; Cumulative Review and Test Prep, p. 184, Ex. 6; Cumulative Review and Test Prep, p. 318, Ex. 2; Cumulative Review and Test Prep, p. 372, Ex. 5; Cumulative Review and Test Prep, p. 424A, Ex. 4; Cumulative Review and Test Prep, p. 442, Ex. 3
• Exchanging coins of equivalent value	Lesson 3-16, pp. 117A–117B, 117–118, Ex. 1–15	Investigating the Concept, p. 117A; Reaching All Learners, Reteaching, p. 117B; Learning with Technology, p. 128, Ex. 3–4, Think About It; Discovery Channel, p. 130, Ex. 1–3
• Applying monetary symbols, including dollar (\$), cent (¢), and decimal point (.)	Lesson 3-18, p. 121; Lesson 5-5, pp. 185A–185B, 185–186, Ex. 1–6; Lesson 6-6, pp. 225A–225B, 225–226, Ex. 1–7	Enrichment, p. 127, Ex. 1–8; Learning with Technology, p. 128, Ex. 2; Diagnostic Checkpoint, p. 237, Ex. 1–2; Cumulative Review and Test Prep, p. 238, Ex. 4–5; Cumulative Review and Test Prep, p. 254, Ex. 3–6; Cumulative Review and Test Prep, p. 318, Ex. 4–5
• Recognizing the decimal numbers .10, .25, .50, and .75 as related to money	Enrichment, p. 127, Ex. 3	Lesson 3-18, p. 122TE, Practice

Algebra

Content Standard	Instruction and Practice	Additional Practice and Assessment
5. Create growing patterns.	Lesson 4-9, pp. 157A–157B, 157–158, Ex. 1–6; Lesson 10-10, pp. 413A–413B, 413–414, Ex. 1–8	Diagnostic Checkpoint, p. 165, Ex. 2; Chapter Test, p. 172, Ex. 16; Reading for Math Success, pp. 411–412, Think About It, Ex. 4–5; Diagnostic Checkpoint, p. 417, Ex. 6–7; Learning with Technology, p. 420, Ex. 1–4
6. Solve problems using the associative property of addition.	Lesson 2-4, pp. 49A–49B, 49–50, Ex. 1–11; Lesson 2-7, pp. 57A–57B, 57–58, Ex. 1–7; Lesson 5-6, pp. 187A–187B, 187–188, Ex. 1–7; Lesson 5-11, p. 200, Ex. 3	Diagnostic Checkpoint, p. 59, Ex. 4; Chapter Test, pp. 77–78, Ex. 3; Reading for Math Success, p. 87, Ex. 2; Cumulative Review and Test Prep, p. 152, Ex. 4–5; Reading for Math Success, p. 195, Ex. 2; Cumulative Review and Test Prep, p. 202, Ex. 7; Chapter Test, p. 208, Ex. 5; Cumulative Review and Test Prep, p. 224, Ex. 5–6; Cumulative Review and Test Prep, p. 268, Ex. 3–4; Cumulative Review and Test Prep, p. 424B, Ex. 8
7. Describe change over time in observable (qualitative) and measurable (quantitative) terms.	Reaching All Learners, Math and Science, p. 343B	



Correlation to Alabama Course of Study

Grade 2 Mathematics Content Standards

Geometry

Content Standard	Instruction and Practice	Additional Practice and Assessment
<p>8. Describe attributes of two-dimensional (plane) and three-dimensional (solid) figures using the terms <i>side, surface, edge, vertex, and angle</i>.</p>	<p>Lesson 7-1, pp. 247A–247B, 247–248, Ex. 1–6; Lesson 7-4, pp. 255A–255B, 255–256, Ex. 1–4; Lesson 7-8, pp. 265A–265B, 265–266, Ex. 1–5</p>	<p>Chapter Story, pp. 7A–7F; Diagnostic Checkpoint, p. 253, Ex. 1; Diagnostic Checkpoint, p. 267, Ex. 1–2; Cumulative Review and Test Prep, p. 282, Ex. 5; Learning with Technology, p. 284, Ex. 4; Test Talk, p. 285, Ex. 1–2; Chapter Test, p. 287, Ex. 1; Chapter Test, p. 288, Ex. 16</p>
<ul style="list-style-type: none"> Identifying quadrilaterals, pentagons, hexagons, or octagons 	<p>Lesson 7-4, p. 255</p>	<p>Investigating the Concept, p. 255A; Math Vocabulary, p. 255B; English Language Learners, p. 255B</p>
<ul style="list-style-type: none"> Identifying line symmetry in plane geometric features 	<p>Lesson 7-7, pp. 261A–261B, 261–262, Ex.1–12; Lesson 7-8, p. 266, Ex. 3</p>	<p>Diagnostic Checkpoint, p. 267, Ex. 3–5; Cumulative Review and Test Prep, p. 332, Ex. 2</p>
<ul style="list-style-type: none"> Creating designs that exhibit line symmetry 	<p>Lesson 7-7, p. 261, Think About It; Chapter Test, p. 287, Ex. 6</p>	<p>Investigating the Concept, p. 261A; Reaching All Learners, Math and Art, p. 261 B</p>
<ul style="list-style-type: none"> Recognizing the results of changing the position (transformation) of objects or shapes by sliding (translation), turning (rotation), or flipping (reflection) 	<p>Lesson 7-6, pp. 259A–259B, 259–260, Ex. 1–10</p>	<p>Diagnostic Checkpoint, p. 267, Ex. 7; Chapter Test, p. 287, Ex. 5; Cumulative Review and Test Prep, p. 338A, Ex. 1; Cumulative Review and Test Prep, p. 424A, Ex. 7; Cumulative Review and Test Prep, p. 492, Ex. 6</p>
<p>9. Describe the route from one location to another by applying concepts of direction and distance.</p> <ul style="list-style-type: none"> Following multistep directions to locate objects Reading maps of the school environment Using grids for movement between points 	<p>Lesson 8-15, Reaching All Learners, Advanced Learners, Reading for Math, p. 325B</p>	



Correlation to Alabama Course of Study

Grade 2 Mathematics Content Standards

Measurement

Content Standard	Instruction and Practice	Additional Practice and Assessment
10. Measure length in customary units, including inches, feet, and yards.	Lesson 9-2, pp. 343A–343B, , Ex. 1–6; Lesson 9-3, pp. 345A–345B, 345–346, Ex. 1–6; Lesson 9-5, pp. 351A–351B, 351–352, Ex. 1–5; Lesson 9-17, pp. 379, Ex. 1–2	Discovery Channel, p. 242, Ex. 1; Diagnostic Checkpoint, p. 361, Ex. 7–8; Learning with Technology, p. 384, Ex. 1–5; Discovery Channel, p. 386, Ex. 2–3; Cumulative Review and Test Prep, p. 418, Ex. 4
<ul style="list-style-type: none">Using metric units	Lesson 9-4, pp. 347A–347B, 347–348, Ex. 1–5	Investigating the Concept, p. 347A; Reaching All Learners, Reteaching and Advanced Learners, p. 347B; Chapter Test, p. 387, Ex. 1; Cumulative Review and Test Prep, p. 458, Ex. 7
<ul style="list-style-type: none">Using appropriate tools including rulers, yard sticks, meter sticks, or tape measures	Lesson 9-4, pp. 347A–347B, Ex. 1–5; Lesson 9-17, p. 379, Ex. 1–2	Enrichment, p. 383, Ex. 1, 5; Chapter Test, p. 387, Ex. 1–2
11. Estimate weight and capacity by making comparisons with familiar objects.	Lesson 9-6, pp. 353A–353B, 353–354, Ex. 1–9; Lesson 9-8, pp. 357A–357B, 357–358, Ex. 1–7; Lesson 9-10, pp. 363A–363B, 363–364, Ex. 1–9; Lesson 9-11, pp. 365A–365B, 365–366, Ex. 1–14; Lesson 9-12, pp. 367A–367B, 367–368, Ex. 1–10; Lesson 9-17, p. 380, Ex. 3–5	Diagnostic Checkpoint, p. 361, Ex. 1–4; Diagnostic Checkpoint, p. 371, Ex. 1–6; Cumulative Review and Test Prep, p. 382, Ex. 5; Chapter Test, p. 387, Ex. 3–10; Cumulative Review and Test Prep, p. 442, Ex. 5; Cumulative Review and Test Prep, p. 482, Ex. 2; Cumulative Review and Test Prep, p. 498A, Ex. 6
12. Tell time to the minute using analog and digital clocks.	Lesson 8-1, pp. 291A–291B, 291–292, Ex. 1–12; Lesson 8-2, pp. 293A–293B, 293–294, Ex. 1–8; Lesson 8-3, pp. 295A–295B, 295–296, Ex. 1–6; Lesson 8-17, p. 329, Ex. 1–4	Cumulative Review and Test Prep, p. 34, Ex. 3; Chapter Story, pp. 8A–8F; Diagnostic Checkpoint, p. 307, Ex. 1–2, 5; Diagnostic Checkpoint, p. 318, Ex. 6; Chapter Test, p. 337, Ex. 1; Cumulative Review and Test Prep, p. 362, Ex. 1–2; Cumulative Review and Test Prep, p. 404, Ex. 4; Cumulative Review and Test Prep, p. 424B, Ex. 14; Cumulative Review and Test Prep, p. 458, Ex. 5–6; Cumulative Review and Test Prep, p. 482, Ex. 1



Correlation to Alabama Course of Study

Grade 2 Mathematics Content Standards

Data Analysis and Probability

Content Standard	Instruction and Practice	Additional Practice and Assessment
13. Create displays for a given set of data using pictographs, tally charts, bar graphs, or single- or double-loop Venn diagrams, providing appropriate labels.	Lesson 8-9, pp. 311A–311B, 311–312, Ex. 1–7; Lesson 8-10, p. 313, Ex. 1–3; Lesson 8-11, p. 316, Ex. 7; Lesson 8-12, p. 319, Ex. 1; Lesson 8-13, p. 322, Ex. 5–6 Chapter 8: Investigation, p. 289J	Discovery Channel, p. 38, Ex. 2; Diagnostic Checkpoint, p. 317, Ex. 1; Diagnostic Checkpoint, p. 441, Ex. 8
<ul style="list-style-type: none">Interpreting graphic displays	Lesson 5-7, pp. 189A–189B, 189–190, Ex. 1–5; Lesson 5-10, pp. 197A–197B, 197–198, Ex. 1–5; Lesson 8-10, pp. 313A–313B, 313–314, Ex. 1–10; Lesson 8-11, pp. 315A–315B, 315–316, Ex. 1–6, 8–12; Lesson 8-12, pp. 319A–319B, 319–320, Ex. 2–11; Lesson 8-13, pp. 321A–321B, 321–322, Ex. 1–4, 7–9; Lesson 8-14, pp. 323A–323B, 323–324, Ex. 1–11; Lesson 8-16, pp. 327A–327B, 327–328, Ex. 1–10; Lesson 10-7, pp. 405A–405B, 405–406, Ex. 1–8; Lesson 11-6, pp. 439A–439B, 439–440, Ex. 1–6 Chapter 8: Investigation, p. 289J	Diagnostic Checkpoint, p. 317, Ex. 2–7; Diagnostic Checkpoint, p. 331, Ex. 1–2, 11; Test Talk, p. 335, Ex. 1–3; Chapter Test, pp. 337–338, Ex. 7–10, 15–16; Diagnostic Checkpoint, p. 381, Ex. 5–6; Cumulative Review and Test Prep, p. 382, Ex. 3–4; Discovery Channel, p. 386, Ex. 2–3; Chapter Test, p. 388, Ex. 16–17; Diagnostic Checkpoint, p. 417, Ex. 1–2; Cumulative Review and Test Prep, p. 418, Ex. 3; Cumulative Review and Test Prep, p. 442, Ex. 4; Cumulative Review and Test Prep, p. 492, Ex. 4–5
14. Determine if one event related to everyday life is more likely or less likely to occur than another event.	Lesson 9-14, pp. 373A–373B, 373–374, Ex. 1–11; Lesson 9-15, pp. 375A–375B, 375–376, Ex. 1–8 Chapter 9: Investigation, p. 339J	Diagnostic Checkpoint, p. 381, Ex. 1–6; Chapter Test, p. 388, Ex. 14–17



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Correlation to Alabama Course of Study

Grade 3 Mathematics Content Standards

Number and Operations

Content Standard	Instruction and Practice	Additional Practice and Assessment
1. Demonstrate number sense by comparing, ordering, and expanding whole numbers through 9999.	Lesson 1-8, pp. 22A–22B, 22–23, Ex. 1–14, 17; Lesson 1-15, pp. 44–45, Ex. 6, 7; Lesson 4-15, pp. 238–239, Ex. 3	Diagnosing Readiness, pp. 2–3, Ex. 13–14; Lesson 1-9, p. 27, Ex. 33; Lesson 1-10, p. 31, Ex. 39–41; Section B Review, p. 34, Ex. 3–4, B; Diagnostic Checkpoint, p. 35, Ex. 1, 6–7; Lesson 1-15, p. 45, Ex. 7; Test Talk, pp. 48–49, Ex. 1, 3; Key Vocabulary and Concept Review, pp. 50–51, Ex. 3; Chapter Test, pp. 52–53, Ex. 24–25; Cumulative Review and Test Prep, pp. 54–55, Ex. 4; Reteaching, pp. 56–59, Set 1-8, Ex. 1–3; More Practice, pp. 60–63, Set 1-8, Ex. 1–11; Lesson 2-2, p. 71, Ex. 20; Lesson 2-6, p. 84, Ex. 23; Lesson 2-11, p. 100, Ex. 28; Lesson 4-15, p. 239, Ex. 3; Lesson 8-12, p. 471, Ex. 17; Cumulative Review and Test Prep, pp. 552–553, Ex. 2; Cumulative Review and Test Prep, pp. 720–721, Ex. 4
<ul style="list-style-type: none"> Comparing numbers using the symbols $>$, $<$, $=$, and \neq 	Lesson 1-5, pp. 44–45, Ex. 6; Lesson 1-7, pp. 18A–18B, 18–21, Ex. 1–22; Lesson 3-14, pp. 168B, 168–169, Ex. 1–3, 8–13, 21, 22	Warm Up, p. 22, Ex. 1–3; Lesson 1-8, p. 23, Ex. 18; Section B Review, p. 34, Ex. 1–2, A; Diagnostic Checkpoint, p. 35, Ex. 3–5; Lesson 1-15, p. 45, Ex. 6; Key Vocabulary and Concept Review, pp. 50–51, Ex. 2; Chapter Test, pp. 52–53, Ex. 20–23; Reteaching, pp. 56–59, Set 1-7, Ex. 1–3; More Practice, pp. 60–63, Set 1-7, Ex. 1–16; Lesson 2-10, p. 97, Ex. 22; Diagnosing Readiness, pp. 124–125, Ex. 27–32; Lesson 4-6, p. 210, Ex. 14–16; Warm Up, p. 506, Ex. 1–4; Diagnosing Readiness, pp. 678–679, Ex. 18–19
<ul style="list-style-type: none"> Identifying the place value of any digit within a four-digit number 	Lesson 1-2, pp. 6A–6B, 6–7, Ex. 1–2, 7–9, 11–12; Lesson 1-4, pp. 10–11, Ex. 1, 6; Lesson 1-5, pp. 44–45, Ex. 1; Lesson 3-15, p. 170, Ex. 1	Diagnosing Readiness, pp. 2–3, Ex. 3–5; Warm Up, p. 6, Ex. 1–3; Warm Up, p. 10, Ex. 1–3; Lesson 1-5, p. 13, Ex. 14–17; Lesson 1-13, p. 41, Ex. 10; Lesson 1-15, p. 44, Ex. 1; Chapter Test, pp. 52–53, Ex. 11; Reteaching, pp. 56–59, Set 1-2, Ex. 1–2; Warm Up, p. 146, Ex. 1–2; Cumulative Review and Test Prep, pp. 180–181, Ex. 6; Lesson 7-2, p. 373, Ex. 15
<ul style="list-style-type: none"> Writing a four-digit number in words and locating it on a number line 	Lesson 1-4, pp. 10–11, Ex. 3, 8; Lesson 1-5, pp. 44–45, Ex. 3; Lesson 2-13, pp. 104–105, Ex. 4	Lesson 1-5, p. 13, Ex. 18; Section A Review, p. 16, Ex. 5; Lesson 1-15, p. 44, Ex. 3; Chapter Test, pp. 52–53, Ex. 13; Reteaching, pp. 56–59, Set 1-4, Ex. 1–2; More Practice, pp. 60–63, Set 1-4, Ex. 4–5; Lesson 2-13, p. 105, Ex. 4; Lesson 9-2, p. 503, Ex. 20
<ul style="list-style-type: none"> Determining the value of a number written in expanded notation to the ten-thousands place 	Lesson 1-2, pp. 6B, 6–7, Ex. 4, 10, 17; Lesson 1-4, pp. 10–11, Ex. 2, 4, 7, 9–10; Lesson 1-15, p. 44, Ex. 3	Lesson 1-3, pp. 8–9, Ex. 13; Warm Up, p. 12, Ex. 1–2; Section A Review, p. 16, Ex. 3, 6; Diagnostic Checkpoint, p. 17, Ex. 5–6, 8, 10; Lesson 1-7, p. 21, Ex. 29; Warm Up, p. 28, Ex. 1–3; Key Vocabulary and Concept Review, pp. 50–51, Ex. 1; Chapter Test, pp. 52–53, Ex. 2, 4, 14–15; Reteaching, pp. 56–59, Set 1-2, Ex. 3, Set 1-4, Ex. 1–2; More Practice, pp. 60–63, Set 1-2, Ex. 4–7, Set 1-4, Ex. 1–3; Cumulative Review and Test Prep, pp. 114–115, Ex. 6; Cumulative Review and Test Prep, pp. 304–305, Ex. 5; Cumulative Review and Test Prep, pp. 668–669, Ex. 1
<ul style="list-style-type: none"> Rounding whole numbers to the nearest ten and hundred and money values to the nearest dollar 	Lesson 1-10, pp. 28A–28B, 28–31, Ex. 1–31, 33–34; Lesson 1-15, pp. 44–45, Ex. 2, 4; Lesson 3-15, p. 170, Ex. 1	Section B Review, p. 34, Ex. 7–8, D; Diagnostic Checkpoint, p. 35, Ex. 8–13, 17; Lesson 1-12, p. 39, Ex. 18–19; Key Vocabulary and Concept Review, pp. 50–51, Ex. 4; Chapter Test, pp. 52–53, Ex. 26–29; Reteaching, pp. 56–59, Set 1-10, Ex. 1–2; More Practice, pp. 60–63, Set 1-10, Ex. 1–16; Diagnosing Readiness, pp. 64–65, Ex. 26–32; Warm Up, p. 86, Ex. 1–4; Lesson 2-7, p. 88, Ex. 29; Warm Up, p. 98, Ex. 1–2; Lesson 3-2, p. 131, Ex. 17; Lesson 4-2, p. 197, Ex. 15; Cumulative Review and Test Prep, pp. 248–249, Ex. 2; Lesson 6-4, p. 327, Ex. 43; Lesson 9-2, p. 503, Ex. 21; Diagnosing Readiness, pp. 610–611, Ex. 26–38; Warm Up, p. 616, Ex. 1–5; Lesson 11-3, p. 620, Ex. 31



Correlation to Alabama Course of Study

Grade 3 Mathematics Content Standards

Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
2. Solve addition and subtraction problems, including word problems, involving two- and three-digit numbers with and without regrouping.	<p>Lesson 1-6, pp. 14A–14B, 14–15, Ex. 1–3; Lesson 1-4, pp. 42A–42B, 42–43, Ex. 1–2; Lesson 2-4, pp. 76A–76B, 76–77, Ex. 1–6; Lesson 2-13, pp. 104–105, Ex. 3, 6; Lesson 3-1, pp. 126A–126B, 126–127, Ex. 1–5, 7–16, 18–20; Lesson 3-2, pp. 128A–128B, 128–131, Ex. 1–9, 11–16; Lesson 3-3, pp. 132A–132B, 132–135, Ex. 1–21, 23–27, 29–31; Lesson 3-6, pp. 146A–146B, 146–147, Ex. 1–16; Lesson 3-7, pp. 148A–148B, 148–149, Ex. 1–21, 23–25; Lesson 3-8, pp. 150A–150B, 150–151, Ex. 1–15, 21; Lesson 3-9, pp. 152A–152B, 152–155, Ex. 1–4, 6–19, 21–33; Lesson 3-10, pp. 156A–156B, 156–157, Ex. 1–19, 21–31; Lesson 3-14, p. 172, Ex. 3–7; Lesson 3-15, pp. 170A–170B, 170–171, Ex. 3–7; Lesson 4-15, pp. 238–239, Ex. 1, 4; Lesson 5-8, pp. 284A–284B, 284–285, Ex. 1–7; Lesson 5-12, pp. 295–296, Ex. 7; Lesson 7-4, pp. 380A–380B, 380–381, Ex. 1–3, 9; Lesson 7-14, p. 407, Ex. 3; Lesson 9-11, pp. 528A–528B, 528–529, Ex. 1; Lesson 9-16, p. 541, Ex. 4; Lesson 10-9, pp. 590A–590B, 590–591, Ex. 1, 4; Lesson 12-3, pp. 688–689, Ex. 5</p> <p>Chapter 3 Investigation, p. 124I</p>	<p>Section A Review, p. 16, Ex. 9, E–F; Warm Up, p. 132, Ex. 1–5; Lesson 3-5, p. 142, Ex. 9; Section A Review, p. 144, Ex. 1–6, A–C; Diagnostic Checkpoint, p. 145, Ex. 1–10, 16; Discovery Channel, p. 155, Ex. 1–2; Section B Review, p. 158, Ex. 5–18, C–G; Diagnostic Checkpoint, p. 159, Ex. 1–2, 7–24; Section C Review, p. 172, Ex. 1, A–B; Key Vocabulary and Concept Review, pp. 176–177, Ex. 1–2; Chapter Test, pp. 178–179, Ex. 1–2, 4–5, 9–14, 19–22, 29–31; Reteaching, pp. 182–185, Set 3-1, Ex. 1–4, Set 3-2, Ex. 1–2, Set 3-3, Ex. 1–3, Set 3-7, Ex. 1–6, Set 3-8, Ex. 1–2, Set 3-9, Ex. 1–3, Set 3-10, Ex. 1–3; More Practice, pp. 186–189, Set 3-1, Ex. 1–5, Set 3-2, Ex. 1–4, Set 3-3, Ex. 1–11, Set 3-7, Ex. 1–11, Set 3-8, Ex. 1–11, Set 3-9, Ex. 1–17, Set 3-10, Ex. 1–12, Set 3-11, Ex. 1; Lesson 4-8, p. 217, Ex. 6–7; Lesson 4-12, p. 231, Ex. 19–20; Lesson 4-14, p. 237, Ex. 5; Lesson 5-4, p. 273, Ex. 15; Lesson 6-3, p. 322, Ex. 32; Lesson 6-4, p. 326, Ex. 29; Lesson 6-9, p. 343, Ex. 24; Lesson 7-1, p. 371, Ex. 10; Discovery Channel, p. 377, Ex. 1; Section A Review, p. 382, Ex. 5, D; Diagnostic Checkpoint, p. 383, Ex. 10; Lesson 7-9, p. 393, Ex. 39; Test Talk, pp. 410–411, Ex. 3; Reteaching, pp. 418–421, Set 7-4, Ex. 2; More Practice, pp. 422–425, Set 7-4, Ex. 1; Lesson 9-3, p. 505, Ex. 12; Diagnostic Checkpoint, p. 531, Ex. 12; Lesson 10-2, p. 567, Ex. 15, 18–20; Lesson 11-7, p. 635, Ex. 389; Lesson 12-11, p. 711, Ex. 4</p>
<ul style="list-style-type: none"> Estimating sums and differences by using compatible numbers, front-end estimation, and rounding 	<p>Lesson 2-7, pp. 86A–86B, 86–89, Ex. 1–27, 30; Lesson 2-8, pp. 90A–90B, 90–91, Ex. 1–18; Lesson 2-11, pp. 98A–98B, 98–101, Ex. 1–27, 29–33; Lesson 2-13, pp. 104A–104B, 104–105, Ex. 5; Lesson 3-11, pp. 160A–160B, 160–161, Ex. 1–5, 13; Lesson 6-12, p. 349, Ex. 6</p> <p>Chapter 2 Investigation, p. 64I–64J</p> <p>Chapter 3 Investigation, p. 124I</p>	<p>Warm Up, p. 90, Ex. 1–2; Section B Review, p. 92, Ex. 7–14, C–G; Diagnostic Checkpoint, p. 93, Ex. 1, 11–23; Lesson 2-9, p. 95, Ex. 24; Lesson 2-12, p. 103, Ex. 8–9; Lesson 2-15, p. 105, Ex. 5; Section C Review, p. 106, Ex. 5–10, C–E; Diagnostic Checkpoint, p. 107, Ex. 11–25; Key Vocabulary and Concept Review, pp. 110–111, Ex. 3; Chapter Test, pp. 112–113, Ex. 2, 6–7, 12–13, 23–26, 29; Cumulative Review and Test Prep, pp. 114–115, Ex. 1, 7; Reteaching, pp. 116–119, Set 2-7, Ex. 1–8, Set 2-8, Ex. 1–6, Set 2-11, Ex. 1–4, Set 2-12, Ex. 1–3; More Practice, pp. 120–123, Set 2-7, Ex. 1–19, Set 2-8, Ex. 1–8, Set 2-11, Ex. 1–12, Set 2-12, Ex. 4–5; Diagnosing Readiness, pp. 124–125, Ex. 18–26; Lesson 3-1, p. 127, Ex. 6, 17, 21; Lesson 3-2, p. 130, Ex. 10; Learning with Technology, p. 131, Ex. 1–6; Lesson 3-3, p. 134, Ex. 22, 28; Lesson 3-4, p. 137, Ex. 5, 14–15; Diagnostic Checkpoint, p. 145, Ex. 17; Lesson 3-7, p. 149, Ex. 22; Lesson 3-10, p. 157, Ex. 20; Lesson 3-13, p. 167, Ex. 16; Diagnostic Checkpoint, p. 173, Ex. 17; Chapter Test, pp. 178–179, Ex. 32; Cumulative Review and Test Prep, pp. 180–181, Ex. 7; Reteaching, pp. 182–185, Set 3-3, Ex. 1–3, Set 3-7, Ex. 1–3, Set 3-11, Ex. 1; More Practice, pp. 186–189, Set 3-11, Ex. 2; Cumulative Review and Test Prep, pp. 248–249, Ex. 5; Lesson 6-6, p. 335, Ex. 21</p>



Correlation to Alabama Course of Study

Grade 3 Mathematics Content Standards

Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
(Content Standard 2 continued) • Demonstrating computational fluency in addition and subtraction	Lesson 2-1, pp. 66A–66B, 66–69, Ex. 1–3, 8–13, 23–25; Lesson 2-2, pp. 70A–70B, 70–71, Ex. 1–2, 7–9; Lesson 2-5, pp. 80A–80B, 80–81, Ex. 1–15, 18; Lesson 2-6, pp. 82A–82B, 82–85, Ex. 5, 10–13, 15, 18–20, 26–31; Lesson 2-9, pp. 94A–94B, 94–95, Ex. 1–23; Lesson 2-10, pp. 96A–96B, 96–97, Ex. 1–21; Lesson 2-13, pp. 104–105, Ex. 1, 7; Key Vocabulary and Concept Review, pp. 110–111, Ex. 2; Lesson 3-4, pp. 136A–136B, 136–137, Ex. 1–2, 4, 6–13, 16–21; Lesson 3-11, pp. 160A–160B, 160–161, Ex. 6–12; Lesson 3-13, pp. 166A–166B, 166–167, Ex. 1–2, 5–7, 13; Lesson 5-12, pp. 295–296, Ex. 8; Lesson 6-11, p. 347, Ex. 4, 6; Lesson 10-9, p. 590, Ex. 1, 4; Chapter 3: Investigation, p. 124I	Section A Review, p. 78, Ex. 4–5; Diagnostic Checkpoint, p. 79, Ex. 7–8; Lesson 2-7, p. 89, Ex. 35–38; Section B Review, p. 92, Ex. 1–6, A–B; Diagnostic Checkpoint, p. 93, Ex. 2–10; Lesson 2-11, p. 101, Ex. 34–38; Discovery Channel, p. 101, Ex. 2; Lesson 2-12, p. 103, Ex. 4; Section C Review, p. 106, Ex. 1–4, A–B; Diagnostic Checkpoint, p. 107, Ex. 2–10; Key Vocabulary and Concept Review, pp. 110–111, Ex. 2; Chapter Test, pp. 112–113, Ex. 4, 14–17, 19–22; Cumulative Review and Test Prep, pp. 114–115, Ex. 3–4, 8, 24; Reteaching, pp. 116–119, Set 2-1, Ex. 1–2, Set 2-2, Ex. 1, Set 2-5, Ex. 1–10, Set 2-6, Ex. 1–8, Set 2-9, Ex. 1–8, Set 2-10, Ex. 1–9; More Practice, pp. 120–123, Set 2-1, Ex. 1–6, Set 2-2, Ex. 1–2, Set 2-5, Ex. 1–13, Set 2-6, Ex. 1–16, Set 2-9, Ex. 1–13, Set 2-10, Ex. 1–8, Set 2-12, Ex. 1–3; Warm Up, p. 126, Ex. 1–4; Warm Up, p. 128, Ex. 1–4; Learning with Technology, p. 131, Ex. 1–6; Warm Up, p. 136, Ex. 1–4; Lesson 3-5, p. 143, Ex. 13–15; Section A Review, p. 144, Ex. 7–8; Diagnostic Checkpoint, p. 145, Ex. 11–13; Lesson 3-6, p. 147, Ex. 18; Warm Up, p. 148, Ex. 1–4; Warm Up, p. 150, Ex. 1–4; Warm Up, p. 152, Ex. 1–4; Warm Up, p. 156, Ex. 1–4; Warm Up, p. 162, Ex. 1–4; Lesson 3-12, p. 165, Ex. 31–34; Warm Up, p. 166, Ex. 1–4; Lesson 3-14, p. 169, Ex. 24–25; Chapter Test, pp. 178–179, Ex. 25–26; Cumulative Review and Test Prep, pp. 180–181, Ex. 2, 5; Reteaching, pp. 182–185, Set 3-4, Ex. 1–4, Set 3-13, Ex. 2–4; More Practice, pp. 186–189, Set 3-4, Ex. 1–7, Set 3-13, Ex. 1–2; Warm Up, p. 192, Ex. 1–6; Lesson 4-1, p. 195, Ex. 17; Warm Up, p. 198, Ex. 1–4; Lesson 4-3, p. 199, Ex. 13–16; Lesson 4-5, p. 207, Ex. 13; Warm Up, p. 208, Ex. 1–6; Lesson 4-7, p. 215, Ex. 16–19; Warm Up, p. 228, Ex. 1–6; Lesson 4-15, pp. 238–239, Ex. 1, 4; Cumulative Review and Test Prep, pp. 248–249, Ex. 4, 6–8; Lesson 5-2, p. 265, Ex. 27; Lesson 5-7, p. 283, Ex. 27; Lesson 5-10, p. 291, Ex. 43; Cumulative Review and Test Prep, pp. 304–305, Ex. 2, 6–7; Lesson 6-5, p. 329, Ex. 42; Lesson 6-6, p. 335, Ex. 20; Lesson 6-7, p. 339, Ex. 10; Lesson 6-10, p. 345, Ex. 14; Cumulative Review and Test Prep, pp. 358–359, Ex. 1, 4; Reteaching, pp. 360–363, Set 6-11, Ex. 1, 3; Lesson 7-11, p. 401, Ex. 31; Lesson 8-6, p. 449, Ex. 27; Lesson 8-7, p. 453, Ex. 20–21, 23; Cumulative Review and Test Prep, pp. 486–487, Ex. 1; Lesson 9-10, p. 525, Ex. 22; Lesson 9-14, p. 537, Ex. 16; Lesson 9-15, p. 539, Ex. 19; Lesson 11-6, p. 631, Ex. 21–24
3. Multiply whole numbers with and without regrouping using single-digit multipliers.	Lesson 11-1, pp. 612A–612B, 612–615, Ex. 1–27, 30–34; Lesson 11-6, pp. 630A–630B, 630–631, Ex. 1–18, 20, 25; Lesson 11-7, pp. 632A–632B, 632–635, Ex. 1–27, 29–30, 32–37; Lesson 11-8, pp. 636A–636B, 636–637, Ex. 1–5, 7–24, 28; Lesson 11-10, pp. 640A–640B, 640–641, Ex. 1–18 Chapter 11: Investigation, p. 610I	Lesson 11-2, p. 617, Ex. 20–23; Section A Review, p. 624, Ex. 1–6, A–B; Diagnostic Checkpoint, p. 625, Ex. 1, 3–11, 31; Discovery Channel, p. 629, Ex. 1–2; Warm Up, p. 630, Ex. 1–2; Warm Up, p. 632, Ex. 1–4; Warm Up, p. 636, Ex. 1–6; Lesson 11-9, p. 639, Ex. 28–30; Warm Up, p. 640, Ex. 1–4; Section B Review, p. 646, Ex. 1–11, 15–19, C, E; Diagnostic Checkpoint, p. 647, Ex. 1, 3–13, 15–16, 19–22; Lesson 11-12, p. 649, Ex. 24–26; Key Vocabulary and Concept Review, pp. 664–665, Ex. 2; Chapter Test, pp. 666–667, Ex. 1, 6–8, 15, 19; Cumulative Review and Test Prep, pp. 668–669, Ex. 4; Reteaching, pp. 670–673, Set 11-1, Ex. 1–6, Set 11-6, Ex. 1–4, Set 11-7, Ex. 1–5, Set 11-8, Ex. 1–4, Set 11-10, Ex. 1–6; More Practice, pp. 674–677, Set 11-1, Ex. 1–9, Set 11-6, Ex. 1–13, Set 11-7, Ex. 1–15, Set 11-8, Ex. 1–10, Set 11-10, Ex. 1–6; Diagnosing Readiness, pp. 678–679, Ex. 4–7; Warm Up, p. 680, Ex. 1–2, 5; Lesson 12-1, p. 683, Ex. 36; Warm Up, p. 684, Ex. 1–2, 5; Lesson 12-7, p. 701, Ex. 16–17, 20; Lesson 12-9, p. 707, Ex. 21–22; Discovery Channel, p. 707, Ex. 1



Correlation to Alabama Course of Study

Grade 3 Mathematics Content Standards

Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
(Content Standard 3 continued) <ul style="list-style-type: none"> Applying concepts of multiplication through the use of manipulatives, number stories, arrays, repeated addition, or problem situations 	Lesson 5-1, pp. 260A–260B, 260–261, Ex. 1–8; Lesson 5-2, pp. 262A–262B, 262–265, Ex. 1–20, 22–26; Lesson 5-3, pp. 266A–266B, 266–267, Ex. 1–13; Lesson 5-8, pp. 284A–284B, 284–285, Ex. 1–7; Lesson 11-5, pp. 626A–626B, 626–629, Ex. 1–13, 19 Chapter 5: Investigation, pp. 258I–258J	Lesson 1-14, p. 43, Ex. 3; Diagnosing Readiness, pp. 258–259, Ex. 10–11, 18–20; Warm Up, p. 262, Ex. 1–3; Enrichment, p. 265, Ex. 2; Lesson 5-4, p. 273, Ex. 11–13; Section A Review, p. 274, Ex. 1–5, A–E; Diagnostic Checkpoint, p. 275, Ex. 2–11, 14; Lesson 5-5, p. 279, Ex. 25–26, 28; Discovery Channel, p. 279, Ex. 1–2; Lesson 5-6, p. 281, Ex. 21; Key Vocabulary and Concept Review, pp. 300–301, Ex. 1–2, 4; Chapter Test, pp. 302–303, Ex. 1, 3, 7, 9, 12–14, 28; Cumulative Review and Test Prep, pp. 304–305, Ex. 3; Reteaching, pp. 306–309, Set 5-1, Ex. 1–2, Set 5-2, Ex. 1–4, Set 5-3, Ex. 1–4, Set 5-8, Ex. 1–3; More Practice, pp. 310–313, Set 5-1, Ex. 1–5, Set 5-2, Ex. 1–7, Set 5-3, Ex. 1–5, Set 5-8, Ex. 1–4; Diagnosing Readiness, pp. 314–315, Ex. 3–8; Lesson 6-1, p. 317, Ex. 31; Lesson 6-3, p. 322, Ex. 29, 33; Lesson 6-5, p. 329, Ex. 36; Section A Review, p. 336, Ex. B; Chapter Test, pp. 356–357, Ex. 31; Cumulative Review and Test Prep, pp. 358–359, Ex. 5, 7; Diagnosing Readiness, pp. 368–369, Ex. 20–23; Lesson 7-3, p. 377, Ex. 20; Cumulative Review and Test Prep, pp. 486–487, Ex. 16; Test Talk, pp. 662–663, Ex. 2, 4
<ul style="list-style-type: none"> Applying basic multiplication facts through 9 x 9 by using manipulatives, solving problems, and writing number stories 	Lesson 5-5, pp. 276A–276B, 276–279, Ex. 1–5, 7–20, 22–23; Lesson 5-6, pp. 280A–280B, 280–281, Ex. 1–16, 18–19, 22–26; Lesson 5-9, pp. 286A–286B, 286–287, Ex. 1–6, 8–19, 21–22, 35–36; Lesson 5-10, pp. 288A–288B, 288–291, Ex. 1–18, 20, 22–26, 28–33, 35–36; Lesson 5-11, pp. 292A–292B, 292–293, Ex. 1–8, 10–19, 21, 23–28, 30–37; Lesson 5-12, pp. 294A–294B, 294–295, Ex. 1–3; Lesson 6-1, pp. 316A–316B, 316–317, Ex. 1–8, 10–20, 22–27, 29, 33–36; Lesson 6-2, pp. 318A–318B, 318–319, Ex. 1–9, 11–27, 29–37; Lesson 6-3, pp. 320A–320B, 320–323, Ex. 1–12, 14–24, 26–31, 33–39, 41–45, 47; Lesson 6-4, pp. 324A–324B, 324–327, Ex. 1–14, 16–28, 30, 33–42; Lesson 6-5, pp. 328A–328B, 328–329, Ex. 1–34, 37–41; Lesson 6-7, pp. 338A–338B, 338–339, Ex. 1–8; Lesson 6-8, pp. 340A–340B, 340–341, Ex. 1–4, 7, 10–11, 13–14, 16–17, 20, 22–23, 31; Lesson 6-9, pp. 342A–342B, 342–343, Ex. 1–18; Lesson 6-11, pp. 346A–346B, 346–347, Ex. 1, 3, 5; Lesson 6-12, pp. 348A–348B, 348–349, Ex. 1–5; Lesson 7-4, pp. 380A–380B, 380–381, Ex. 1–3, 6, 8; Lesson 9-16, pp. 540A–540B, 540–541, Ex. 3, 5; Lesson 10-9, p. 590, Ex. 3 Chapter 6: Investigation, pp. 314I–314J	Warm Up, p. 280, Ex. 1–4; Lesson 5-7, p. 283, Ex. 22–26; Warm Up, p. 288, Ex. 1–4; Warm Up, p. 292, Ex. 1–3, 5–6; Section B Review, p. 296, Ex. 1–3, 5–8, 11–19, 22–24, 26–27, A–B, F–G; Diagnostic Checkpoint, p. 297, Ex. 1–9, 11, 13–18, 20–22, 24, 31; Key Vocabulary and Concept Review, pp. 300–301, Ex. 3; Chapter Test, pp. 302–303, Ex. 2, 4–6, 10, 18–22, 24–25, 27; Cumulative Review and Test Prep, pp. 304–305, Ex. 4, 17; Reteaching, pp. 306–309, Set 5-5, Ex. 1–6, Set 5-6, Ex. 1–3, 5–6, Set 5-9, Ex. 1, 3–4, 6, Set 5-10, Ex. 1–2, 4–8, Set 5-11, Ex. 1–6, 8–9; More Practice, pp. 310–313, Set 5-5, Ex. 1–4, 6–13, 15, Set 5-6, Ex. 1–9, Set 5-9, Ex. 1–4, 6–11, Set 5-10, Ex. 1–8, 10–17, Set 5-11, Ex. 1–8, 10–13, 15–18, 20–21; Diagnosing Readiness, pp. 314–315, Ex. 9–14, 16–19; Warm Up, p. 316, Ex. 1–6; Warm Up, p. 318, Ex. 1–6; Warm Up, p. 320, Ex. 1–6; Discovery Channel, p. 323, Ex. 1; Warm Up, p. 324, Ex. 1–6; Warm Up, p. 328, Ex. 1–6; Lesson 6-6, p. 335, Ex. 15–19; Section A Review, p. 336, Ex. 1–30, A–G; Diagnostic Checkpoint, p. 337, Ex. 1–29, 31–32; Warm Up, p. 338, Ex. 1–6; Warm Up, p. 340, Ex. 1–6; Warm Up, p. 342, Ex. 1–6; Lesson 6-9, p. 343, Ex. 19–22; Warm Up, p. 344, Ex. 1–6; Section B Review, p. 350, Ex. 1–2, 5, 8, 14, A–C; Diagnostic Checkpoint, p. 351, Ex. 2–4, 8, 11; Key Vocabulary and Concept Review, pp. 354–355, Ex. 1, 4; Chapter Test, pp. 356–357, Ex. 1–3, 5, 7, 9, 11–12, 14–23, 28, 33–34; Cumulative Review and Test Prep, pp. 358–359, Ex. 7; Reteaching, pp. 360–363, Set 6-1, Ex. 1–7, Set 6-2, Ex. 2–8, Set 6-3, Ex. 1–8, Set 6-4, Ex. 1–8, Set 6-5, Ex. 1–6, Set 6-7, Ex. 1–2, Set 6-8, Ex. 2, 4, Set 6-11, Ex. 2; More Practice, pp. 364–367, Set 6-1, Ex. 1–2, 4–10, Set 6-2, Ex. 1–3, 5–9, 11, Set 6-3, Ex. 1–8, 10–15, Set 6-4, Ex. 1–5, 7–13, Set 6-5, Ex. 1–3, 5–13, Set 6-7, Ex. 1–2, 4, Set 6-8, Ex. 3, 5, 7, Set 6-11, Ex. 1, 3; Diagnosing Readiness, pp. 368–369, Ex. 24–39; Warm Up, p. 370, Ex. 1–6; Warm Up, p. 374, Ex. 1–6; Discovery Channel, p. 377, Ex. 2; Section A Review, p. 382, Ex. 5; Diagnostic Checkpoint, p. 383, Ex. 10; Warm Up, p. 384, Ex. 1–6; Lesson 7-5, p. 385, Ex. 15–19; Warm Up, p. 386, Ex. 1–6; Lesson 7-6, p. 387, Ex. 25–34; Warm Up, p. 388, Ex. 1–6; Warm Up, p. 390, Ex. 1–6; Warm Up, p. 392, Ex. 1–6; Lesson 7-9, p. 393, Ex. 32; Warm Up, p. 396, Ex. 1–4; Lesson 7-11, p. 400, Ex. 20; Key Vocabulary and Concept Review, pp. 412–413, Ex. 4; Chapter Test, pp. 414–415, Ex. 33; Cumulative Review and Test Prep, pp. 416–417, Ex. 5; Reteaching, pp. 418–421, Set 7-4, Ex. 1; More Practice, pp. 422–425, Ex. 1–2; Lesson 8-1, p. 431, Ex. 22–23; Lesson 8-13, p. 473, Ex. 12, 15; Lesson 9-1, p. 501, Ex. 31–32; Lesson 9-7, p. 517, Ex. 14; Lesson 10-3, p. 570, Ex. 16–20; Diagnosing Readiness, pp. 610–611, Ex. 4–7, 9–14; Warm Up, p. 630, Ex. 3–4



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Grade 3 Mathematics Content Standards

Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
(Content Standard 3 continued) <ul style="list-style-type: none"> Recognizing properties of multiplication 	Lesson 5-2, pp. 262A–262B, 262–265, Ex. 6–8, 15–17, 21, 24; Lesson 5-9, pp. 286A–286B, 286–287, Ex. 1–27, 31; Lesson 6-9, pp. 342A–342B, 342–343, Ex. 1–18 Chapter 5: Investigation, p. 258J	Section A Review, p. 274, Ex. D; Diagnostic Checkpoint, p. 275, Ex. 1, 13; Lesson 5-5, p. 278, Ex. 21; Lesson 5-10, p. 291, Ex. 40–42; Lesson 5-11, p. 293, Ex. 38; Section B Review, p. 296, Ex. 14, 20, D–E; Diagnostic Checkpoint, p. 297, Ex. 28–29, 32; Chapter Test, pp. 302–303, Ex. 15–17; Reteaching, pp. 306–309, Set 5-9, Ex. 1–6; More Practice, pp. 310–313, Set 5-2, Ex. 7, Set 5-5, Ex. 14, Set 5-9, Ex. 1–16; Diagnosing Readiness, pp. 314–315, Ex. 7; Lesson 6-2, p. 319, Ex. 38; Lesson 6-3, p. 321, Ex. 9; Diagnostic Checkpoint, p. 337, Ex. 32; Lesson 6-8, p. 341, Ex. 32; Lesson 6-10, p. 345, Ex. 10–13; Section B Review, p. 350, Ex. 9–12, D; Diagnostic Checkpoint, p. 351, Ex. 1, 12–14, 18; Key Vocabulary and Concept Review, pp. 354–355, Ex. 3; Chapter Test, pp. 356–357, Ex. 6, 10, 24–27, 30; Cumulative Review and Test Prep, pp. 358–359, Ex. 3; Reteaching, pp. 360–363, Set 6-9, Ex. 1–12; More Practice, pp. 364–367, Set 6-9, Ex. 1–17; Warm Up, p. 396, Ex. 1–4; Section C Review, p. 544, Ex. 7, F; Diagnostic Checkpoint, p. 545, Ex. 11; Cumulative Review and Test Prep, pp. 552–553, Ex. 17; Cumulative Review and Test Prep, pp. 600–601, Ex. 16
4. Divide whole numbers using two-digit dividends and one-digit divisors.	Lesson 7-1, pp. 370A–370B, 370–371, Ex. 1–8; Lesson 7-5, pp. 384A–384B, 384–385, Ex. 1–4, 6–10, 13; Lesson 7-6, pp. 386A–386B, 386–387, Ex. 1, 3–7, 9–14, 16–19, 21, 24; Lesson 7-7, pp. 388A–388B, 388–389, Ex. 2–4, 6–25, 28–32, 34; Lesson 7-8, pp. 390A–390B, 390–391, Ex. 1–21, 23, 25–27, 30–34; Lesson 7-9, pp. 392A–392B, 392–393, Ex. 1–31, 33–38; Lesson 7-11, pp. 398A–398B, 398–401, Ex. 2, 4–8, 10, 13–15, 17, 21, 24, 29–30; Lesson 7-14, p. 406, Ex. 2; Lesson 11-12, pp. 648A–648B, 648–649, Ex. 1–6, 8–17, 19–23; Lesson 11-13, pp. 650A–650B, 650–651, Ex. 1–28, 30, 33–34; Lesson 11-14, pp. 652A–652B, 652–655, Ex. 1–5, 7–19, 21, 25–26; Lesson 11-15, pp. 656A–656B, 656–657, Ex. 1–9 Chapter 11: Investigation, p. 610J	Lesson 7-2, p. 373, Ex. 14; Section A Review, p. 382, Ex. 1, A; Section A dc, p. 383, Ex. 1-6; Section B Review, p. 394, Ex. 2–21, B–H; Diagnostic Checkpoint, p. 395, Ex. 1–13, 16–21, 23–24; Warm Up, p. 398, Ex. 1–6; Warm Up, p. 402, Ex. 1–6; Lesson 7-12, p. 403, Ex. 12–15, 17–21, 25–27; Section C Review, p. 408, Ex. 7; Diagnostic Checkpoint, p. 409, Ex. 6–9; Test Talk, pp. 410–411, Ex. 1; Key Vocabulary and Concept Review, pp. 412–413, Ex. 2–3; Chapter Test, pp. 414–415, Ex. 1, 3–7, 10, 13, 15–19, 22–27, 30; Cumulative Review and Test Prep, pp. 416–417, Ex. 1, 4, 6; Reteaching, pp. 418–421, Set 7-1, Ex. 1–3, Set 7-5, Ex. 1–4, Set 7-6, Ex. 1–2, 4–7, 9–10, Set 7-7, Ex. 2, 4–10, Set 7-8, Ex. 1–7, Set 7-9, Ex. 1–10, Set 7-11, Ex. 1–3, 5; More Practice, pp. 422–425, Set 7-1, Ex. 1–4, Set 7-5, Ex. 2–9, Set 7-6, Ex. 2–12, 14–15, 17, Set 7-7, Ex. 1–7, 9, 11–17, Set 7-8, Ex. 1–16, Set 7-9, Ex. 1–17, Set 7-11, Ex. 2–5, 7–13, 15–16; Lesson 8-1, p. 431, Ex. 21, 24–25; Lesson 8-4, p. 443, Ex. 15–18; Lesson 8-6, p. 449, Ex. 28; Lesson 8-9, p. 459, Ex. 25; Lesson 8-13, p. 473, Ex. 13–14; Cumulative Review and Test Prep, pp. 486–487, Ex. 2, 19; Diagnosing Readiness, pp. 496–497, Ex. 4–6, 8–13; Warm Up, p. 498, Ex. 1–5; Lesson 9-1, p. 501, Ex. 33–34; Lesson 9-5, p. 511, Ex. 17; Warm Up, p. 518, Ex. 2–5; Lesson 9-8, p. 519, Ex. 13; Lesson 10-4, p. 575, Ex. 27–30; Diagnosing Readiness, pp. 610–611, Ex. 15–25; Warm Up, p. 618, Ex. 1–6; Warm Up, p. 622, Ex. 1–6; Practice Game, p. 635; Warm Up, p. 648, Ex. 1–6; Warm Up p. 652, Ex. 1–4; Section C Review, p. 660, Ex. 1–22, B–C, F–H; Diagnostic Checkpoint, p. 661, Ex. 1–23; Test Talk, pp. 662–663, Ex. 1, 3; Key Vocabulary and Concept Review, pp. 664–665, Ex. 3–4; Chapter Test, pp. 666–667, Ex. 11–13, 16–18, 21; Reteaching, pp. 670–673, Set 11-12, Ex. 1–6, Set 11-13, Ex. 1–6, Set 11-14, Ex. 1–5, Set 11-15, Ex. 1; More Practice, pp. 674–677, Set 11-12, Ex. 1–8, Set 11-13, Ex. 1–9, Set 11-14, Ex. 1–9, Set 11-15, Ex. 1; Diagnosing Readiness, pp. 678–679, Ex. 9–11, 14; Warm Up, p. 680, Ex. 3–4, 6; Lesson 12-1, p. 683, Ex. 37–38; Lesson 12-7, p. 701, Ex. 18–19, 21; Lesson 12-9, p. 707, Ex. 23–24; Cumulative Review and Test Prep, pp. 720–721, Ex. 2
<ul style="list-style-type: none"> Recognizing division as repeated subtraction 	Lesson 7-2, pp. 372A–372B, 372–373, Ex. 1–10, 13 Chapter 7: Investigation, p. 368J	Lesson 7-3, p. 377, Ex. 17–18; Section A Review, p. 382, Ex. 2, B; Diagnostic Checkpoint, p. 383, Ex. 1–6; Chapter Test, pp. 414–415, Ex. 2; Reteaching, pp. 418–421, Set 7-2, Ex. 1–2; More Practice, pp. 422–425, Set 7-2, Ex. 1–4
5. Model equivalent fractions with concrete objects or pictorial representations.	Lesson 9-3, pp. 504A–505B, 504–505, Ex. 1–3, 5–7	Lesson 9-4, p. 509, Ex. 19–21; Section A Review, p. 514, Ex. 3, C; Diagnostic Checkpoint, p. 515, Ex. 7; Chapter Test, pp. 550–551, Ex. 19; Reteaching, pp. 554–557, Set 9-3, Ex. 1; More Practice, pp. 558–561, Set 9-3, Ex. 1–3



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Grade 3 Mathematics Content Standards

Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
6. Use coins to make change up to \$1.00	Lesson 1-13, pp. 40A–40B, 40–41, Ex. 2–3, 8	Cumulative Review and Test Prep, pp. 54–55, Ex. 21
<ul style="list-style-type: none"> Determining monetary values of sets of unlike coins and bills up to \$5.00 	Lesson 1-12, pp. 36A–36B, 36–39, Ex. 1–5, 8–10, 12–16	Learning with Technology, p. 39, Ex. 1–2; Warm Up, p. 40, Ex. 1–3; Lesson 1-14, p. 43, Ex. 2, 4; Section C Review, p. 46, Ex. 1–3, A; Diagnostic Checkpoint, p. 47, Ex. 2–5; Chapter Test, pp. 52–53, Ex. 9, 31–33; Cumulative Review and Test Prep, pp. 54–55, Ex. 22; Reteaching, pp. 56–59, Set 1-12, Ex. 1; More Practice, pp. 60–63, Set 1-12, Ex. 1–6, 8–9; Lesson 3-6, p. 147, Ex. 15; Lesson 3-7, p. 149, Ex. 29; Lesson 3-12, p. 164, Ex. 28; Cumulative Review and Test Prep, pp. 248–249, Ex. 1; Lesson 5-4, p. 273, Ex. 14; Lesson 8-2, p. 433, Ex. 15; Reading for Math Success, pp. 434–435, Ex. 9–11; Lesson 8-3, p. 439, Ex. 14; Lesson 9-9, p. 521, Ex. 19; Lesson 12-2, p. 685, Ex. 19

Algebra

Content Standard	Instruction and Practice	Additional Practice and Assessment
7. Complete a given numeric or geometric pattern.	Lesson 1-9, pp. 24A–24B, 24–27, Ex. 1–3, 8–13, 20; Lesson 6-6, pp. 332A–332B, 332–335, Ex. 1–8, 14; Lesson 6–8, pp. 340A–340B, 340–341, Activity; Lesson 8-3, pp. 436A–436B, 436–439, Ex. 1–2; Lesson 9-11, p. 529, Ex. 4	Warm Up, p. 4, Ex. 1–3; Lesson 1-10, p. 31, Ex. 42; Section B Review, p. 34, Ex. 5–6, C; Diagnostic Checkpoint, p. 35, Ex. 2; Key Vocabulary and Concept Review, pp. 50–51, Ex. 5; Chapter Test, pp. 52–53, Ex. 5; Cumulative Review and Test Prep, pp. 54–55, Ex. 1, 20, 23; Reteaching, pp. 56–59, Set 1-9, Ex. 1–3; Warm Up, p. 72, Ex. 1–2; Cumulative Review and Test Prep, pp. 114–115, Ex. 21; Lesson 3-3, p. 135, Ex. 32; Test Talk, pp. 174–175, Ex. 1, 3; Cumulative Review and Test Prep, pp. 180–181, Ex. 11; Diagnosing Readiness, pp. 190–191, Ex. 8–12; Lesson 4-10, p. 223, Ex. 13; Cumulative Review and Test Prep, pp. 248–249, Ex. 22; Diagnosing Readiness, pp. 258–259, Ex. 12–15; Lesson 5-6, p. 281, Ex. 27; Lesson 6-2, p. 319, Ex. 28; Section A Review, p. 336, Ex. 31, H–I; Diagnostic Checkpoint, p. 337, Ex. 30; Lesson 6-7, p. 339, Ex. 9; Chapter Test, pp. 356–357, Ex. 4, 13; Cumulative Review and Test Prep, pp. 358–359, Ex. 21; Reteaching, pp. 360–363, Set 6-6, Ex. 1–2; More Practice, pp. 364–367, Set 6-2, Ex. 10, Set 6-6, Ex. 1–2, Set 6-8, Ex. 1–10; Cumulative Review and Test Prep, pp. 416–417, Ex. 16, 20; Lesson 8-6, pp. 447–448, Ex. 7, 13; Test Talk, pp. 482–483, Ex. 5; Chapter Test, pp. 484–485, Ex. 18; Cumulative Review and Test Prep, pp. 486–487, Ex. 17; Reteaching, pp. 488–491, Set 8-3, Ex. 1; More Practice, pp. 492–495, Set 8-3, Ex. 1; Warm Up, p. 504, Ex. 1–3; Lesson 9-3, p. 505, Ex. 9–10; Warm Up, p. 536, Ex. 1–3; Cumulative Review and Test Prep, pp. 552–553, Ex. 18; More Practice, pp. 558–561, Set 9-3, Ex. 4; Cumulative Review and Test Prep, pp. 600–601, Ex. 17, 19; Lesson 11-10, p. 641, Ex. 22; Cumulative Review and Test Prep, pp. 720–721, Ex. 20



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Geometry

Content Standard	Instruction and Practice	Additional Practice and Assessment
8. Identify geometric representations for points, lines, perpendicular lines, parallel lines, angles, and rays.	Lesson 8-4, pp. 442A–442B, 442–443, Ex. 1, 3, 5, 7–9; Lesson 8-5, pp. 444A–444B, 444–445	Warm Up, p. 444, Ex. 2–4; Diagnostic Checkpoint, p. 463, Ex. 4; Key Vocabulary and Concept Review, pp. 482–483, Ex. 1; Chapter Test, pp. 484–485, Ex. 3; Reteaching, pp. 488–487, Set 8-4, Ex. 1–2, 4; More Practice, pp. 492–497, Set 8-4, Ex. 1–3
<ul style="list-style-type: none"> Recognizing real-life examples of points, lines, perpendicular lines, and parallel lines 	Lesson 8-4, pp. 442–443, Ex. 12; Lesson 8-5, pp. 444–445, Ex. 10, 13	More Practice, pp. 492–497, Set 8-5, Ex. 5
<ul style="list-style-type: none"> Drawing points, lines, and perpendicular lines 	Lesson 8-4, pp. 442–443, Ex. 10	
9. Specify locations on a coordinate grid by using horizontal and vertical movements.	Lesson 4-9, pp. 218A–218B, 218–221	Section B Review, p. 224, Ex. 7–8; Diagnostic Checkpoint, p. 225, Ex. 3, 11; Key Vocabulary and Concept Review, p. 244, Ex. 3–4; Chapter Test, p. 247, Ex. 18; Reteaching, p. 252, Set 4-9, Ex. 1–6; More Practice, p. 256, Set 4-9, Ex. 1–7

Measurement

Content Standard	Instruction and Practice	Additional Practice and Assessment
10. Measure length in metric units.	Lesson 10-6, pp. 582A–582B, 582–583, Ex. 1–6; Lesson 10-7, pp. 584–587, Activity, Ex. 23–24	Section B Review, p. 592, Ex. 1–2, B; Diagnostic Checkpoint, p. 593, Ex. 1, 3–4, 9; Reteaching, pp. 602–605, Set 10-6, Ex. 1–4; More Practice, pp. 606–609, Set 10-6, Ex. 1–4; Lesson 11-1, p. 615, Ex. 38
11. Determine elapsed time to the day with calendars and to the hour with a clock.	Lesson 4-15, pp. 238–239, Ex. 5; Test Talk, p. 243, Ex. 3	
<ul style="list-style-type: none"> Calculating elapsed time to the minute within the same hour 	Lesson 4-3, p. 199, Ex. 9–10 Chapter 4: Investigation, p. 190I	Lesson 4-4, p. 201, Ex. 14; Chapter Test, p. 247, Ex. 12; Lesson 5-3, p. 267, Ex. 14
<ul style="list-style-type: none"> Applying vocabulary associated with time using <i>a.m.</i>, <i>p.m.</i>, <i>noon</i>, or, <i>midnight</i> 	Lesson 4-1, pp. 192B, 192–195, Ex. 4, 10–11	Learning with Technology, p. 195, Ex. 1–6; Section A Review, p. 202, Ex. 3, A; More Practice, pp. 254–257, Set 4-2, Ex. 5



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Grade 3 Mathematics Content Standards

Data Analysis and Probability

Content Standard	Instruction and Practice	Additional Practice and Assessment
12. Recognize data as either categorical or numerical. <ul style="list-style-type: none">• Comparing related data sets	Lesson 4-8, pp. 216A–216B, 216–217, Ex. 1–3	Chapter Test, pp. 246–247, Ex. 19; Reteaching, pp. 252–255, Set 4-8, Ex. 1–2; More Practice, pp. 256–259, Set 4-8, Ex. 1–2
13. Determine the likelihood of different outcomes in a simple experiment.	Lesson 12-7, pp. 700A–700B, 700–701, Ex. 1–15; Lesson 12-8, pp. 702A–702B, 702–703, Ex. 1, 3–6, 11; Lesson 12-10, pp. 708A–708B, 708–709, Ex. 1–4 Chapter 12: Investigation, p. 678J	Cumulative Review and Test Prep, pp. 180–181, Ex. 14; Cumulative Review and Test Prep, pp. 358–359, Ex. 16–17; Cumulative Review and Test Prep, pp. 416–417, Ex. 11; Cumulative Review and Test Prep, pp. 600–601, Ex. 14–15; Cumulative Review and Test Prep, pp. 668–669, Ex. 11; Section B Review, p. 712, Ex. 1–2, 7, A–B, E; Diagnostic Checkpoint, p. 713, Ex. 2–15, 10; Test Talk, pp. 714–715, Ex. 1–2; Chapter Test, pp. 718–719, Ex. 9, 22; Cumulative Review and Test Prep, pp. 720–721, Ex. 14; Reteaching, pp. 722–725, Set 12-7, Ex. 1–4, Set 12-8, Ex. 1–3, Set 12-10, Ex. 1; More Practice, pp. 726–729, Set 12-7, Ex. 1–5, Set 12-8, Ex. 1–4, Set 12-10, Ex. 1



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Grade 4 Mathematics Content Standards

Number and Operations

Content Standard	Instruction and Practice	Additional Practice and Assessment
1. Demonstrate number sense by comparing and ordering decimals to hundredths and whole numbers to 999,999.	Lesson 1-5, pp. 16A–16B, 16–19, Ex. 1–7, 9–10, 12–13, 15–16, 22–25; Lesson 3-15, p. 168, Ex. 6; Lesson 11-3, pp. 630A–630B, 630–631, Ex. 1–28; Lesson 11-15, p. 666, Ex. 2	Diagnosing Readiness, pp. 2–3, Ex. 2; Warm Up, p. 16, Ex. 1–3; Discovery Channel, p. 19, Ex. 1–3; Lesson 1-6, p. 21, Ex. 21–22; Warm Up, p. 22, Ex. 1–3; Section B Review, p. 26, Ex. 1–3, A–B; Diagnostic Checkpoint, p. 27, Ex. 1, 12; Test Talk, pp. 44–45, Ex. 1; Key Vocabulary and Concept Review, pp. 45–46, Ex. 2–3; Chapter Test, pp. 48–49, Ex. 7, 9–10, 15, 23; Cumulative Review and Test Prep, pp. 50–51, Ex. 4; Reteaching, pp. 52–55, Set 1-5, Ex. 1–2; More Practice, pp. 56–59, Set 1-5, Ex. 1–2; Lesson 2-8, p. 87, Ex. 24; Cumulative Review and Test Prep, pp. 112–113, Ex. 3; Lesson 3-3, p. 135, Ex. 51; Cumulative Review and Test Prep, pp. 178–179, Ex. 4; Diagnosing Readiness, pp. 188–189, Ex. 19–27; Warm Up, p. 226, Ex. 1–3; Cumulative Review and Test Prep, pp. 244–245, Ex. 4; Cumulative Review and Test Prep, pp. 302–303, Ex. 4; Cumulative Review and Test Prep, pp. 354–355, Ex. 2, 5; Cumulative Review and Test Prep, pp. 422–423, Ex. 4; Lesson 9-8, p. 523, Ex. 30; Warm Up, p. 524, Ex. 1–3; Lesson 11-4, p. 633, Ex. 25, 27, 30–32; Section A Review, p. 634, Ex. 12–16, E–F; Diagnostic Checkpoint, p. 635, Ex. 13–16, 21–23; Key Vocabulary and Concept Review, pp. 672–673, Ex. 2; Chapter Test, pp. 674–675, Ex. 3; Cumulative Review and Test Prep, pp. 676–677, Ex. 5; Reteaching, pp. 678–681, Set 11-3, Ex. 1–7; More Practice, pp. 682–685, Set 11-3, Ex. 1–12; Cumulative Review and Test Prep, pp. 726–727, Ex. 1
<ul style="list-style-type: none"> Identifying a number when given a pictorial representation of tenths and hundredths or groups of ones, tens, hundreds, and thousands 	Lesson 1-1, pp. 4–7, Ex. 7–8; Lesson 1-12, pp. 34A–34B, 34–37, Ex. 1–8, 10–17, 19–22; Lesson 11-1, pp. 624A–624B, 624–627, Ex. 1–4, 10–13	Diagnostic Checkpoint, p. 15, Ex. 2; Section C Review, p. 42, Ex. 6–8; Diagnostic Checkpoint, p. 43, Ex. 9; Chapter Test, pp. 48–49, Ex. 22; Reteaching, pp. 52–55, Set 1-12, Ex. 1–4; More Practice, pp. 56–59, Set 1-12, Ex. 1–8; Lesson 9-6, p. 519, Ex. 29; Lesson 10-2, p. 567, Ex. 40–42; Diagnosing Readiness, pp. 622–623, Ex. 4–5; More Practice, pp. 682–685, Set 11-1, Ex. 11–12
<ul style="list-style-type: none"> Writing a number in expanded notation through the hundred-thousands 	Lesson 1-1, pp. 4B, 4–7, Ex. 2, 10	Warm Up, p. 4, Ex. 2–3; Warm Up, p. 10, Ex. 1; Diagnostic Checkpoint, p. 15, Ex. 4; Chapter Test, pp. 48–49, Ex. 19; More Practice, pp. 56–59, Set 1-1, Ex. 1, 3; Section B Review, p. 92, Ex. H
<ul style="list-style-type: none"> Determining the place value of a digit in a whole number through the hundred-thousands and in a decimal to the hundredths 	Lesson 1-1, pp. 4A–4B, 4–7, Ex. 3–6, 11–18, 26–27; Lesson 11-2, pp. 628A–628B, 628–629, Ex. 2, 6–9	Warm Up, p. 8, Ex. 1–4; Section A Review, p. 14, Ex. 1–4, A; Diagnostic Checkpoint, p. 15, Ex. 5–7; Warm Up, p. 28, Ex. 1–3; Warm Up, p. 34, Ex. 1–3; Chapter Test, pp. 48–49, Ex. 4; Reteaching, pp. 52–55, Set 1-1, Ex. 1–8; More Practice, pp. 56–59, Set 1-1, Ex. 5–9; Lesson 2-5, p. 79, Ex. 37; Lesson 3-5, p. 143, Ex. 17; Lesson 3-6, p. 147, Ex. 10–12; Cumulative Review and Test Prep, pp. 178–179, Ex. 1; Warm Up, p. 628, Ex. 1–4; Warm Up, p. 630, Ex. 1–4; Lesson 11-3, p. 631, Ex. 30–32; Section A Review, p. 634, Ex. 9–11, C; Diagnostic Checkpoint, p. 635, Ex. 2, 9–12; Warm Up, p. 638, Ex. 1–4; Lesson 11-12, p. 660, Ex. 30; Reteaching, pp. 678–681, Set 11-2, Ex. 3; More Practice, pp. 682–685, Set 11-2, Ex. 5–9
2. Write money amounts in words and dollar-and-cent notation. <ul style="list-style-type: none"> Identifying equivalent units of money 	Lesson 1-9, pp. 28A–28B, 28–29, Ex. 1–2, 4–7, 11; Lesson 1-10, pp. 30A–30B, 30–31, Ex. 1–2, 8–9, 21 Chapter 1: Investigation, p. 2J	Diagnosing Readiness, pp. 2–3, Ex. 23–25; Warm Up, p. 30, Ex. 1–3; Warm Up, p. 32, Ex. 1–2; Lesson 1-12, p. 37, Ex. 29; Section C Review, p. 42, Ex. 1–2; Diagnostic Checkpoint, p. 43, Ex. 3; Chapter Test, pp. 48–49, Ex. 6, 8, 21; Reteaching, pp. 52–55, Set 1-9, Ex. 1–3, Set 1-10, Ex. 1–4; More Practice, pp. 56–59, Set 1-9, Ex. 1–6, Set 1-10, Ex. 1–2; Diagnosing Readiness, pp. 60–61, Ex. 31–35; Lesson 2-1, p. 63, Ex. 25; Warm Up, p. 76, Ex. 5; Lesson 2-7, p. 85, Ex. 39; Lesson 8-7, p. 457, Ex. 16; Lesson 10-8, p. 591, Ex. 16; Cumulative Review and Test Prep, pp. 676–677, Ex. 1



Correlation to Alabama Course of Study

Grade 4 Mathematics Content Standards

Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
<p>3. Rename improper fractions as mixed numbers and mixed numbers as improper fractions.</p> <ul style="list-style-type: none"> Using a number line to simplify, compare, and order fractions and mixed numbers Writing equivalent forms of fractions 	<p>Lesson 9-10, pp. 530A–530B, 530–533, Ex. 1–30; Lesson 9-14, p. 541, Ex. 4–5</p> <p>Lesson 9-9, pp. 524–527, Talk About It, Ex. 3; Lesson 9-11, pp. 534–535, Ex. 5, 14, 20</p> <p>Lesson 9-6, pp. 516A–516B, 516–519, Ex. 1–23; Lesson 9-7, pp. 520A–520B, 520–521, Ex. 1–33</p>	<p>Warm Up, p. 534, Ex. 1–4; Lesson 9-11, p. 535, Ex. 21–24; Section C Review, p. 542, Ex. 1–4, A; Diagnostic Checkpoint, p. 543, Ex. 2–10, 18; Test Talk, pp. 544–545, Ex. 4; Key Vocabulary and Concept Review, pp. 546–547, Ex. 3; Chapter Test, pp. 548–549, Ex. 7, 10; Cumulative Review and Test Prep, pp. 550–551, Ex. 6; Reteaching, pp. 552–555, Set 9-10, Ex. 1–6; More Practice, pp. 556–559, Set 9-10, Ex. 1–16</p> <p>Learning with Technology, p. 519, Ex. 1–4; Warm Up, p. 520, Ex. 1–4; Lesson 9-8, p. 523, Ex. 25–29; Section B Review, p. 528, Ex. 1–10, A–D; Diagnostic Checkpoint, p. 529, Ex. 2–8, 16; Lesson 9-10, p. 533, Ex. 31–34; Test Talk, pp. 544–545, Ex. 2; Chapter Test, pp. 548–549, Ex. 4–5, 23; Reteaching, pp. 552–555, Set 9-6, Ex. 1–2, Set 9-7, Ex. 1–6; More Practice, pp. 556–559, Set 9-6, Ex. 1–10, Set 9-7, Ex. 1–11; Warm Up, p. 624, Ex. 1–4; Diagnosing Readiness, pp. 686–687, Ex. 14–24; Warm Up, p. 710, Ex. 1–4</p>
<p>4. Demonstrate addition and subtraction of fractions with common denominators.</p>	<p>Lesson 10-2, pp. 564A–564B, 564–567, Ex. 1–21, 27; Lesson 10-4, pp. 574A–574B, 574–577, Ex. 1–5, 7–22, 24, 28, 33–34; Lesson 10-13, p. 602, Ex. 1</p>	<p>Diagnosing Readiness, pp. 560–561, Ex. 5–9; Warm Up, p. 568, Ex. 1–6; Lesson 10-3, p. 571, Ex. 34–38; Section A Review, p. 572, Ex. 11–24, C; Diagnostic Checkpoint, p. 573, Ex. 1, 8–9, 12–13, 18–21, 23; Warm Up, p. 578, Ex. 1–2; Lesson 10-5, p. 581, Ex. 37–40; Section B Review, p. 586, Ex. 1–10, A–B; Diagnostic Checkpoint, p. 587, Ex. 2–4, 8–9, 13–14; Key Vocabulary and Concept Review, pp. 608–609, Ex. 2; Chapter Test, pp. 610–611, Ex. 2, 4, 16–17; Reteaching, pp. 614–617, Set 10-2, Ex. 1–7, Set 10-4, Ex. 1–5; More Practice, pp. 618–621, Set 10-2, Ex. 1–16, Set 10-4, Ex. 1–11</p>
<p>5. Round whole numbers to the nearest ten, hundred, or thousand and decimals to the nearest tenth.</p>	<p>Lesson 1-6, pp. 20A–20B, 20–21, Ex. 1–4, 6–11, 16, 19–20; Lesson 11-4, pp. 632A–632B, 632–633, Ex. 1–5, 17–21, 24</p>	<p>Diagnosing Readiness, pp. 2–3, Ex. 16–22; Lesson 1-1, p. 7, Ex. 32; Warm Up, p. 20, Ex. 1–4; Lesson 1-7, p. 23, Ex. 16–19; Section B Review, p. 26, Ex. 4–7, C–D; Diagnostic Checkpoint, p. 27, Ex. 13; Lesson 1-9, p. 29, Ex. 13; Chapter Test, pp. 48–49, Ex. 13; Cumulative Review and Test Prep, pp. 50–51, Ex. 7; More Practice, pp. 56–59, Set 1-6, Ex. 1–9; Diagnosing Readiness, pp. 60–61, Ex. 4–15; Warm Up, p. 68, Ex. 1–4; Lesson 2-11, p. 97, Ex. 13; Lesson 3-1, p. 127, Ex. 24; Lesson 4-7, p. 207, Ex. 13; Warm Up, p. 258, Ex. 1–6; Warm Up, p. 368, Ex. 1–6; Lesson 7-5, p. 383, Ex. 44; Lesson 9-11, p. 535, Ex. 25; Warm Up, p. 632, Ex. 1–4; Section A Review, p. 634, Ex. 17–19, G–H; Diagnostic Checkpoint, p. 635, Ex. 17–20; Lesson 11-5, p. 637, Ex. 24–27; Key Vocabulary and Concept Review, p. 672, Ex. 2; Chapter Test, p. 674, Ex. 4; Reteaching, p. 679, Set 11-4, Ex. 1–6; More Practice, p. 683, Set 11-4, Ex. 1–11; Lesson 12-8, p. 711, Ex. 18; Cumulative Review and Test Prep, pp. 726–727, Ex. 6</p>
<p>6. Solve problems, including word problems, that involve addition and subtraction using four-digit numbers with and without regrouping.</p>	<p>Lesson 2-5, pp. 76B, 76–79, Ex. 2, 4, 9–10, 16, 20, 25–26; Lesson 2-6, pp. 80–81, Ex. 9, 14, 21; Lesson 2-7, pp. 82A–82B, 82–85, Ex. 2–4, 8–10, 13–15, 18–19, 22–23, 26, 28–29, 36; Lesson 2-8, pp. 86A–86B, 86–87, Ex. 4, 6, 11, 15, 20–22; Lesson 2-14, p. 102, Ex. 1; Lesson 4-15, pp. 234–235, Ex. 2, 6; Lesson 5-12, p. 292, Ex. 2; Lesson 6-10, p. 345, Ex. 6</p>	<p>Lesson 2-2, p. 67, Ex. 32–34; Learning with Technology, p. 85, Ex. 4–6; Section B Review, p. 92, Ex. 2, 7–8; Diagnostic Checkpoint, p. 93, Ex. 2–3, 6, 9, 12; Test Talk, pp. 106–107, Ex. 1; Key Vocabulary and Concept Review, pp. 108–109, Ex. 2; Chapter Test, pp. 110–111, Ex. 1, 6–7, 17; Reteaching, pp. 114–117, Set 2-5, Ex. 1–2, 5, Set 2-6, Ex. 2–3, Set 2-7, Ex. 2, 5, 7–9; More Practice, pp. 118–121, Set 2-5, Ex. 2–3, Set 2-6, Ex. 2–3, Set 2-7, Ex. 3, 6, Set 2-8, Ex. 5; Lesson 3-8, p. 151, Ex. 27–28; Lesson 5-2, p. 261, Ex. 40; Lesson 5-3, p. 263, Ex. 35; Lesson 5-5, p. 273, Ex. 50; Cumulative Review and Test Prep, pp. 422–423, Ex. 3; Lesson 10-2, p. 567, Ex. 44; Lesson 10-4, p. 577, Ex. 37, 39; Warm Up, p. 642, Ex. 2–4</p>



Correlation to Alabama Course of Study

Grade 4 Mathematics Content Standards

Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
(Content Standard 6 continued) • Estimating sums and differences of whole numbers by using appropriate strategies such as rounding, front-end estimation, and compatible numbers	Lesson 2-3, pp. 68A–68B, 68–71, Ex. 1–11, 13–18, 22–27; Lesson 2-4, pp. 72A–72B, 72–73, Ex. 1–20 Chapter 2: Investigation, p. 60I	Discovery Channel, p. 67, Ex. 2; Warm Up, p. 72, Ex. 1–3; Section A Review, p. 74, Ex. 17–28, E–H; Diagnostic Checkpoint, p. 75, Ex. 1, 11–14, 16–19; Warm Up, p. 76, Ex. 1–4; Lesson 2-5, pp. 77–79, Ex. 6, 23, 33–36; Lesson 2-6, p. 81, Ex. 17, 20; Warm Up, p. 82, Ex. 1–2; Lesson 2-7, p. 84, Ex. 25; Learning with Technology, p. 85, Ex. 1–6; Section B Review, p. 92, Ex. D; Chapter Test, pp. 110–111, Ex. 4, 14–15; Reteaching, pp. 114–117, Set 2-3, Ex. 1–6, 8, Set 2-4, Ex. 1–6; More Practice, pp. 118–121, Set 2-3, Ex. 1–5, 7, 9–13, 15, 17–19, Set 2-4, Ex. 1–13; Lesson 3-5, p. 143, Ex. 19; Lesson 3-12, p. 163, Ex. 28; Cumulative Review and Test Prep, pp. 244–245, Ex. 2; Warm Up, p. 258, Ex. 7; Lesson 5-2, pp. 260–261, Ex. 34–35, 45; Lesson 5-3, p. 263, Ex. 38; Cumulative Review and Test Prep, pp. 488–489, Ex. 2; Lesson 10-4, p. 577, Ex. 42–43; Warm Up, p. 636, Ex. 1–4
• Adding and subtracting decimals and money amounts.	Lesson 2-5, pp. 76–79, Ex. 5, 13–14, 18, 21–22; Lesson 2-6, pp. 80B, 80–81, Ex. 2, 8, 13, 23–24; Lesson 2-7, Ex. 82–85, Ex. 5, 11–12, 16, 20, 24; Lesson 2-8, pp. 86–87, Ex. 4, 6, 11, 15, 23; Lesson 11-6, pp. 638A–638B, 638–641, Ex. 1–3, 5–11, 13–17; Lesson 11-7, pp. 642A–642B, 642–645, Ex. 1–9, 11–23, 25–29, 32–36	Section B Review, p. 92, Ex. 1, 5, A, C; Diagnostic Checkpoint, p. 93, Ex. 1, 5, 10; Lesson 2-13, p. 101, Ex. 27; Key Vocabulary and Concept Review, pp. 108–109, Ex. 2; Chapter Test, pp. 110–111, Ex. 3, 10, 16; Reteaching, pp. 114–117, Set 2-5, Ex. 4, 6, Set 2-7, Ex. 4, 6, 10; More Practice, pp. 118–121, Set 2-5, Ex. 4–5, 9–11, Set 2-6, Ex. 4–5, 10, Set 2-7, Ex. 4–5, 9–10; Lesson 3-8, p. 151, Ex. 23–25; Cumulative Review and Test Prep, pp. 178–179, Ex. 5; Cumulative Review and Test Prep, pp. 244–245, Ex. 6; Lesson 5-2, p. 261, Ex. 42; Cumulative Review and Test Prep, pp. 302–303, Ex. 6; Lesson 6-4, p. 329, Ex. 16; Lesson 8-1, p. 437, Ex. 19; Lesson 9-4, p. 509, Ex. 20; Lesson 10-2, p. 567, Ex. 45; Lesson 10-4, p. 577, Ex. 38; Diagnosing Readiness, pp. 622–623, Ex. 9–15; Section B Review, p. 650, Ex. 9–20, C–D; Diagnostic Checkpoint, p. 651, Ex. 2–10, 15–17; Lesson 11-9, p. 653, Ex. 15–17; Test Talk, pp. 670–671, Ex. 1, 4; Key Vocabulary and Concept Review, pp. 672–673, Ex. 3; Chapter Test, pp. 674–675, Ex. 6–7, 16–21, 32; Reteaching, pp. 678–681, Set 11-6, Ex. 1–4, Set 11-7, Ex. 1–6; More Practice, pp. 682–685, Set 11-6, Ex. 1–8, Set 11-7, Ex. 1–9; Lesson 12-5, p. 703, Ex. 25; Discovery Channel, p. 703, Ex. 2; Lesson 12-6, p. 705, Ex. 12; Cumulative Review and Test Prep, pp. 726–727, Ex. 2



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Grade 4 Mathematics Content Standards

Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
7. Solve problems, including word problems, involving the basic operations of multiplication and division on whole numbers through two-digit multipliers and one-digit divisors.	<p>Lesson 3-11, pp. 156A–156B, 156–157, Ex. 1–7; Lesson 3-15, p.168, Ex.2–5; Lesson 5-1, pp. 256A–256B, 256–257, Ex. 1–23; Lesson 5-3, pp. 262A–262B, 262–263, Ex. 1–34; Lesson 5-4, pp. 264A–264B, 264–267, Ex. 1–15, 17–22; Lesson 5-5, pp. 270A–270B, 270–273, Ex. 1–10, 12–41, 45–47, 49; Lesson 5-6, pp. 274A–274B, 274–275, Ex. 1–22, 24–26, 28–31; Lesson 5-8, pp. 282A–282B, 282–283, Ex. 1–21, 26; Lesson 5-12, pp. 292A–292B, 292–293, Ex. 1, 3, 5, 7; Lesson 6-1, pp. 314A–314B, 314–315, Ex. 1–20, 23; Lesson 6-3, pp. 320A–320B, 320–323, Ex. 1–19, 21; Lesson 6-5, pp. 332A–332B, 332–335, Ex. 1–5, 7–21, 23–27, 29; Lesson 6-6, pp. 336A–336B, 336–337, Ex. 1–5, 7–21, 23–24, 27–32; Lesson 6-10, pp. 344A–344B, 344–345, Ex. 2–5, 8; Lesson 7-1, pp. 366A–366B, 366–367, Ex. 1–21, 24; Lesson 7-3, pp. 372A–372B, 372–373, Ex. 1–21, 24–28; Lesson 7-4, pp. 374A–374B, 374–377, Ex. 1–27, 29, 33–38; Lesson 7-5, pp. 380A–380B, 380–383, Ex. 1–32, 35–43; Lesson 7-6, pp. 384A–384B, 384–385, Ex. 1–5, 7–10; Lesson 7-7, pp. 386A–386B, 386–389, Ex. 1–4, 6–24, 26–27, 33–38; Lesson 7-8, pp. 390A–390B, 390–391, Ex. 1–5, 7–26, 28, 30–35; Lesson 9-14, p. 540, Ex. 2; Lesson 12-10, p. 716, Ex. 1–3</p> <p>Chapter 5: Investigation, p. 254J</p> <p>Chapter 6: Investigation, p. 312I–312J</p>	<p>Sectin B Review, p. 158, Ex. 12, G–H; Diagnostic Checkpoint, p. 159, Ex. 3, 15–17; Key Vocabulary and Concept Review, pp. 174–175, Ex. 4; Chapter Test, pp. 176–177, Ex. 34; Reteaching, pp. 180–183, Set 3-11, Ex. 1–2; More Practice, pp. 184–187, Set 3-11, Ex. 1–3; Lesson 5-2, p. 261, Ex. 41; Enrichment, p. 267, Ex. 1–4; Learning with Technology, p. 267, Ex. 1–4; Section A Review, p. 268, Ex. 1–6, 13–20, A–B, E–H; Diagnostic Checkpoint, p. 269, Ex. 1, 3–12, 18–26, 28; Discovery Channel, p. 273, Ex. 1–3; Warm Up, p. 274, Ex. 1–6; Lesson 5-7, p. 281, Ex. 15–19; Warm Up, p. 282, Ex. 1–7; Section B Review, p. 284, Ex. 1–12, 14–17, C, G–H; Diagnostic Checkpoint, p. 285, Ex. 1–13; Warm Up, p. 286, Ex. 1–6; Lesson 5-9, p. 287, Ex. 25, 28–29; Warm Up, p. 288, Ex. 1–6; Diagnostic Checkpoint, p. 295, Ex. 17; Chapter Test, pp. 300–301, Ex. 1, 3–6, 9, 11, 14–19, 21, 23, 30, 33; Cumulative Review and Test Prep, pp. 302–303, Ex. 2, 7; Reteaching, pp. 304–307, Set 5-1, Ex. 1–8, Set 5-3, Ex. 1–8, Set 5-4, Ex. 1–6, Set 5-5, Ex. 1–6, Set 5-6, Ex. 1–6, Set 5-8, Ex. 1–18; More Practice, pp. 308–311, Set 5-1, Ex. 1–26, Set 5-3, Ex. 1–26, Set 5-4, Ex. 1–16, Set 5-5, Ex. 1–16, Set 5-6, Ex. 1–16, Set 5-8, Ex. 1–15; Diagnosing Readiness, pp. 312–313, Ex. 24–33; Warm Up, p. 314, Ex. 1–6; Warm Up, p. 316, Ex. 1–4; Learning with Technology, p. 319, Ex. 1–4; Warm Up, p. 320, Ex. 1–4; Lesson 6-4, p. 329, Ex. 15; Section A Review, p. 330, Ex. 1–4, 11–14, A, C–D; Diagnostic Checkpoint, p. 331, Ex. 1–10, 15–18, 20; Warm Up, p. 332, Ex. 1–4; Discovery Channel, p. 335, Ex. 1–2; Warm Up, p. 336, Ex. 1–4; Warm Up, p. 338, Ex. 1–4; Warm Up, p. 340, Ex. 1–4; Lesson 6-8, p. 341, Ex. 29; Section B Review, p. 346, Ex. 1–6, 9–14, A, C–D; Diagnostic Checkpoint, p. 347, Ex. 1–10; Key Vocabulary and Concept Review, pp. 350–351, Ex. 3; Chapter Test, pp. 352–353, Ex. 1, 3–8, 13–16, 18–22, 24–25; Cumulative Review and Test Prep, pp. 354–355, Ex. 6; Reteaching, pp. 356–359, Set 6-1, Ex. 1–16, Set 6-3, Ex. 1–10, Set 6-5, Ex. 1–6, Set 6-6, Ex. 1–8, Set 6-7, Ex. 1–6; More Practice, pp. 360–363, Set 6-1, Ex. 1–29, Set 6-3, Ex. 1–17, Set 6-5, Ex. 1–22, Set 6-6, Ex. 1–22, Set 6-7, Ex. 1–16; Diagnosing Readiness, pp. 364–365, Ex. 4–10, 22–27, 29; Lesson 7-2, p. 371, Ex. 34–38; Practice Game, p. 371; Warm Up, p. 374, Ex. 1–6; Learning with Technology, p. 377, Ex. 1–12; Section A Review, p. 378, Ex. 1–6, 13–24, A–B, E–H; Diagnostic Checkpoint, p. 379, Ex. 1, 3–12, 23–25; Discovery Channel, p. 383, Ex. 1–2; Warm Up, p. 390, Ex. 1–6; Warm Up, p. 392, Ex. 1–6; Lesson 7-9, p. 393, Ex. 23–27; Lesson 7-10, p. 399, Ex. 13–16, 24; Section B Review, p. 400, Ex. 1–16, 24, A–D; Diagnostic Checkpoint, p. 401, Ex. 1, 3–10, 13, 15–17, 23; Warm Up, p. 406, Ex. 1–3; Key Vocabulary and Concept Review, pp. 418–419, Ex. 6; Chapter Test, pp. 420–421, Ex. 3–4, 6–7, 10, 15, 18–20, 26–27, 29; Reteaching, pp. 424–427, Set 7-1, Ex. 1–4, Set 7-3, Ex. 1–6, Set 7-4, Ex. 1–4, Set 7-5, Ex. 1–12, Set 7-6, Ex. 1–2, Set 7-7, Ex. 1–10, Set 7-8, Ex. 1–12; More Practice, pp. 428–431, Set 7-1, Ex. 1–11, Set 7-3, Ex. 1–11, Set 7-4, Ex. 1–10, Set 7-5, Ex. 1–10, Set 7-6, Ex. 1–5, Set 7-7, Ex. 1–11, Set 7-8, Ex. 1–11; Warm Up, p. 468, Ex. 5–6; Cumulative Review and Test Prep, pp. 488–489, Ex. 4, 6; Lesson 9-1, p. 501, Ex. 20; Lesson 9-2, p. 503, Ex. 30; Lesson 9-3, p. 507, Ex. 33; Discovery Channel, p. 507, Ex. 2; Lesson 9-9, p. 527, Ex. 43; Lesson 9-10, p. 533, Ex. 39; Lesson 9-12, p. 537, Ex. 16; Cumulative Review and Test Prep, pp. 550–551, Ex. 2; Lesson 10-2, p. 567, Ex. 46–47; Lesson 10-4, p. 577, Ex. 40; Cumulative Review and Test Prep, pp. 612–613, Ex. 2, 5; Lesson 11-9, p. 653, Ex. 19; Lesson 11-10, p. 655, Ex. 13; Cumulative Review and Test Prep, pp. 676–677, Ex. 2; Lesson 12-6, p. 705, Ex. 11, 13; Cumulative Review and Test Prep, pp. 726–727, Ex. 3</p>



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Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
(Content Standard 7 continued) <ul style="list-style-type: none"> Estimating products and quotients of whole numbers by using appropriate strategies such as rounding, front-end estimation, and compatible numbers 	Lesson 5-2, pp. 258A–258B, 258–261, Ex. 1–33, 36; Lesson 5-5, pp. 270A–270B, 270–271, Ex. 1–43; Lesson 6-2, pp. 316A–316B, 316–319, Ex. 1–24, 27–31; Lesson 7-2, pp. 368A–368B, 368–371, Ex. 1–29, 31, 39 Ch. 5: Investigation, p. 254I Ch. 7: Investigation, p. 364J	Practice Game, p. 261; Lesson 5-3, p. 263, Ex. 38; Section A Review, p. 268, Ex. 7–12, C–D; Diagnostic Checkpoint, p. 269, Ex. 2, 13–17, 27; Warm Up, p. 282, Ex. 7; Section B Review, p. 284, Ex. A–B, D; Diagnostic Checkpoint, p. 285, Ex. 3–10, 16, 18; Chapter Test, pp. 300–301, Ex. 2, 12–13; Reteaching, pp. 304–307, Set 5-2, Ex. 1–12, Set 5-5, Ex. 1–6, Set 5-6, Ex. 1–6; More Practice, pp. 308–311, Set 5-2, Ex. 1–26, Set 5-5, Ex. 1–16, Set 5-6, Ex. 1–16; Diagnosing Readiness, pp. 312–313, Ex. 10–23; Lesson 6-1, p. 315, Ex. 25; Lesson 6-3, p. 323, Ex. 24–27; Section A Review, p. 330, Ex. 5–10, B; Diagnostic Checkpoint, p. 331, Ex. 11–14, 21; Lesson 6-5, pp. 333–335, Ex. 6, 22, 36; Lesson 6-6, p. 337, Ex. 6, 22; Lesson 6-7, p. 339, Ex. 21; Lesson 6-10, p. 345, Ex. 7; Section B Review, p. 346, Ex. B; Diagnostic Checkpoint, p. 347, Ex. 3–6; Chapter Test, pp. 352–353, Ex. 2, 9, 11–12, 23; Reteaching, pp. 356–359, Set 6-2, Ex. 1–18; More Practice, pp. 360–363, Set 6-2, Ex. 1–29; Diagnosing Readiness, pp. 364–365, Ex. 22–28; Lesson 7-3, p. 373, Ex. 29; Section A Review, p. 378, Ex. 7–12, C–D; Diagnostic Checkpoint, p. 379, Ex. 2, 13–17, 26; Warm Up, p. 380, Ex. 1–6; Warm Up, p. 386, Ex. 1–4; Lesson 7-7, p. 388–389, Ex. 5, 25, 33–37; Lesson 7-8, p. 391, Ex. 6, 27, 31–35; Lesson 7-9, p. 393, Ex. 23–27; Chapter Test, pp. 420–421, Ex. 2, 13–14; Cumulative Review and Test Prep, pp. 422–423, Ex. 2; Reteaching, pp. 424–427, Set 7-2, Ex. 1–6; More Practice, pp. 428–431, Set 7-2, Ex. 1–11; Lesson 10-13, p. 603, Ex. 5
<ul style="list-style-type: none"> Identifying information needed to determine the appropriate operation to solve a problem 	Lesson 5-11, pp. 290A–290B, 290–291, Ex. 1–7	Section C Review, p. 294, Ex. 14, E–F; Diagnostic Checkpoint, p. 295, Ex. 11–13; Chapter Test, pp. 300–301, Ex. 35; Reteaching, pp. 304–307, Set 5-11, Ex. 1–2; More Practice, pp. 308–311, Set 5-11, Ex. 1–3; Reading for Math Success, pp. 394–395, Ex. 1–13
<ul style="list-style-type: none"> Demonstrating computational fluency in multiplication and division fact families through 12 	Lesson 3-2, pp. 128A–128B, 128–131, Ex. 1–10, 12–26, 31–32, 34–35; Lesson 3-3, pp. 132A–132B, 132–135, Ex. 1–27, 31–32, 47–50; Lesson 3-4, pp. 136A–136B, 136–137, Ex. 1–21, 23–26, 28–29, 31–37; Lesson 3-7, pp. 148A–148B, 148–149, Ex. 1–15; Lesson 3-8, pp. 150A–150B, 150–151, Ex. 1–19, 29; Lesson 3-9, pp. 152A–152B, 152–153, Ex. 1–16, 23–24, 28–35; Lesson 6-10, p. 344, Ex. 1; Ch. 3: Investigation, pp. 122I–122J	Cumulative Review and Test Prep, pp. 50–51, Ex. 3; Warm Up, p. 132, Ex. 1–6; Warm Up, p. 136, Ex. 1–6; Lesson 3-5, p. 143, Ex. 12–16; Section A Review, p. 144, Ex. 5–16, C–F; Diagnostic Checkpoint, p. 145, Ex. 1, 7–16, 21–22; Warm Up, p. 146, Ex. 1–6; Lesson 3-6, p. 147, Ex. 14; Warm Up, p. 148, Ex. 1–6; Warm Up, p. 150, Ex. 1–6; Warm Up, p. 152, Ex. 1–6; Warm Up, p. 154, Ex. 1–6; Lesson 3-10, p. 155, Ex. 18–19; Section B Review, p. 158, Ex. 3–4, 6–11, C, E–F; Diagnostic Checkpoint, p. 159, Ex. 1–2, 4–14; Discovery Channel, p. 163, Ex. 1–2; Key Vocabulary and Concept Review, pp. 174–175, Ex. 1; Chapter Test, pp. 176–177, Ex. 2–6, 8–9, 11, 19–30; Cumulative Review and Test Prep, pp. 178–179, Ex. 2–3; Reteaching, pp. 180–183, Set 3-2, Ex. 1–6, Set 3-3, Ex. 1–8 Set 3-4, Ex. 1–8, Set 3-7, Ex. 1–4, Set 3-8, Ex. 1–6, Set 3-9, Ex. 1–6; More Practice, pp. 184–187, Set 3-2, Ex. 1–8, Set 3-3, Ex. 1–5, Set 3-4, Ex. 1–5, Set 3-7, Ex. 1–10; Lesson 4-6, p. 205, Ex. 13; Lesson 4-8, p. 211, Ex. 22; Lesson 4-12, p. 229, Ex. 21; Lesson 4-14, p. 233, Ex. 10; Cumulative Review and Test Prep, pp. 244–245, Ex. 3, 7; Diagnosing Readiness, pp. 254–255, Ex. 4–12, 14; Warm Up, p. 256, Ex. 1–6; Warm Up, p. 270, Ex. 1–6; Lesson 5-9, p. 287, Ex. 24, 26–27; Cumulative Review and Test Prep, pp. 302–303, Ex. 18; Diagnosing Readiness, pp. 364–365, Ex. 11–21; Warm Up, p. 366, Ex. 1–6; Warm Up, p. 372, Ex. 1–4; Lesson 7-9, p. 393, Ex. 28; Warm Up, p. 468, Ex. 1–4; Diagnosing Readiness, pp. 498–499, Ex. 4–13; Warm Up, p. 500, Ex. 1–6; Warm Up, p. 588, Ex. 1–6; Cumulative Review and Test Prep, pp. 726–727, Ex. 5
8. Recognize equivalent forms of commonly used fractions and decimals.	Lesson 11-1, pp. 624A–624B, 624–625, Ex. 5, 7, 14–19, 22–27	Lesson 11-2, p. 629, Ex. 15, 17; Section A Review, p. 634, Ex. 1, 4, A; Diagnostic Checkpoint, p. 635, Ex. 3, 5, 24; Key Vocabulary and Concept Review, pp. 672–673, Ex. 1; Chapter Test, pp. 674–675, Ex. 1; Cumulative Review and Test Prep, pp. 676–677, Ex. 6; Reteaching, pp. 678–681, Set 11-1, Ex. 1–4; More Practice, pp. 682–685, Set 11-1, Ex. 1–2, 6, 8, 10



Correlation to Alabama Course of Study

Grade 4 Mathematics Content Standards

Algebra

Content Standard	Instruction and Practice	Additional Practice and Assessment
9. Write number sentences for word problems that involve multiplication or division.	Lesson 7-10, pp. 396–399, Ex. 1–3	Section B Review, p. 400, Ex. 24, F; Diagnostic Checkpoint, p. 401, Ex. 18–19; Chapter Test, pp. 420–421, Ex. 11, 25; More Practice, pp. 428–431, Ex. 1–5
10. Complete addition and subtraction number sentences with a missing addend or subtrahend.	Lesson 2-13, pp. 100A–100B, 100–101, Ex. 1–21	Lesson 1-2, p. 9, Ex. 16; Cumulative Review and Test Prep, pp. 50–51, Ex. 20–21; Section C Review, p. 104, Ex. 11–16, G–H; Diagnostic Checkpoint, p. 105, Ex. 2, 6–9; Key Vocabulary and Concept Review, pp. 108–109, Ex. 5; Chapter Test, pp. 110–111, Ex. 9, 24–25; Cumulative Review and Test Prep, pp. 112–113, Ex. 17, 22; Reteaching, pp. 114–117, Set 2-13, Ex. 1–12; More Practice, pp. 118–121, Set 2-13, Ex. 1–9; Lesson 3-2, p. 131, Ex. 43; Cumulative Review and Test Prep, pp. 244–245, Ex. 19; Cumulative Review and Test Prep, pp. 302–303, Ex. 19; Cumulative Review and Test Prep, pp. 354–355, Ex. 21; Cumulative Review and Test Prep, pp. 550–551, Ex. 22

Geometry

Content Standard	Instruction and Practice	Additional Practice and Assessment
11. Identify triangles, quadrilaterals, pentagons, hexagons, or octagons based on the number of sides, angles, and vertices.	Lesson 8-2, pp. 438A–438B, 438–439, Ex. 1–3, 5–6	Cumulative Review and Test Prep, pp. 178–179, Ex. 9; Cumulative Review and Test Prep, pp. 354–355, Ex. 11; Warm Up, p. 434, Ex. 1–4; Lesson 8-3, p. 443, Ex. 25; Warm Up, p. 444, Ex. 1–4; Section A Review, p. 450, Ex. 3–6; Diagnostic Checkpoint, p. 451, Ex. 7–9; Key Vocabulary and Concept Review, pp. 484–485, Ex. 2; Chapter Test, pp. 486–487, Ex. 2, 12, 14–15; Cumulative Review and Test Prep, pp. 488–489, Ex. 10; Reteaching, pp. 490–493, Set 8-2, Ex. 1, 3–4, 6; More Practice, pp. 494–497, Set 8-2, Ex. 1–5; Cumulative Review and Test Prep, pp. 550–551, Ex. 10
<ul style="list-style-type: none"> Demonstrating slides (translations), flips (reflections), and turns (rotations) using triangles, quadrilaterals, pentagons, hexagons, or octagons 	Lesson 8-6, pp. 452A–452B, 452–455, Ex. 1–2, 4, 6–9, 15–17	Learning with Technology, p. 455, Ex. 1–3; Warm Up, p. 456, Ex. 1–2; Section B Review, p. 462, Ex. 3, A; Diagnostic Checkpoint, p. 463, Ex. 2, 5, 11; Key Vocabulary and Concept Review, pp. 484–485, Ex. 3; Reteaching, pp. 490–493, Set 8-6, Ex. 1; More Practice, pp. 494–497, Set 8-6, Ex. 1–3, 6; Cumulative Review and Test Prep, pp. 676–677, Ex. 8
<ul style="list-style-type: none"> Drawing lines of symmetry in triangles, quadrilaterals, pentagons, hexagons, or octagons 	Lesson 8-7, pp. 456A–456B, 456–457, Ex. 1–2, 7–8, 12	Cumulative Review and Test Prep, pp. 244–245, Ex. 8; Section B Review, p. 462, Ex. 5; Diagnostic Checkpoint, p. 463, Ex. 1, 7–10; Reteaching, pp. 490–493, Set 8-7, Ex. 1, 3–4; More Practice, pp. 494–497, Set 8-7, Ex. 1, 4–5
12. Find locations on a map or grid using ordered pairs.	Lesson 4-9, pp. 212A–212B, 212–215, Ex. 1–33	Cumulative Review and Test Prep, pp. 178–179, Ex. 15; Warm Up, p. 216, Ex. 1–4; Lesson 4-10, p. 219, Ex. 14–18; Section B Review, p. 224, Ex. 4–8, C–D; Diagnostic Checkpoint, p. 225, Ex. 5–7; Test Talk, pp. 238–239, Ex. 2, 4; Key Vocabulary and Concept Review, pp. 240–241, Ex. 4–5; Chapter Test, pp. 242–243, Ex. 8, 22–24; Cumulative Review and Test Prep, pp. 244–245, Ex. 14; Reteaching, pp. 246–249, Set 4-9, Ex. 1–6; More Practice, pp. 250–253, Set 4-9, Ex. 1–7; Cumulative Review and Test Prep, pp. 354–355, Ex. 15–18; Diagnosing Readiness, pp. 686–687, Ex. 4–13



Correlation to Alabama Course of Study

Grade 4 Mathematics Content Standards

Measurement

Content Standard	Instruction and Practice	Additional Practice and Assessment
13. Calculate elapsed time in hours and minutes.	Lesson 3-15, p. 169, Ex. 7; Lesson 4-3, pp. 196A–196B, 196–197, Ex. 1–15; Lesson 4-15, p. 234, Ex. 1, 3	Cumulative Review and Test Prep, pp. 50–51, Ex. 12; Cumulative Review and Test Prep, pp. 178–179, Ex. 11; Lesson 4-4, p. 199, Ex. 2, 4; Lesson 4-5, p. 201, Ex. 13; Section A Review, p. 202, Ex. 6, E; Diagnostic Checkpoint, p. 203, Ex. 6–8; Discovery Channel, p. 215, Ex. 1–4; Lesson 4-10, p. 219, Ex. 19; Key Vocabulary and Concept Review, pp. 240–241, Ex. 1; Chapter Test, pp. 242–243, Ex. 3, 13, 18–19; Cumulative Review and Test Prep, pp. 244–245, Ex. 13; Reteaching, pp. 246–249, Set 4-3, Ex. 1–3, Set 4-4, Ex. 1; More Practice, pp. 250–253, Set 4-3, Ex. 1–7, Set 4-4, Ex. 1–4; Cumulative Review and Test Prep, pp. 302–303, Ex. 8; Lesson 6-3, p. 323, Ex. 28; Cumulative Review and Test Prep, pp. 354–355, Ex. 10, 12; Cumulative Review and Test Prep, pp. 422–423, Ex. 7; Lesson 8-3, p. 443, Ex. 24; Cumulative Review and Test Prep, pp. 488–489, Ex. 8; Lesson 10-3, p. 571, Ex. 39; Lesson 10-9, p. 593, Ex. 20; Cumulative Review and Test Prep, pp. 612–613, Ex. 8; Cumulative Review and Test Prep, pp. 676–677, Ex. 9; Lesson 12-2, p. 691, Ex. 21; Cumulative Review and Test Prep, pp. 726–727, Ex. 7
14. Measure length, width, weight and capacity, using metric and customary units, and temperature in degrees Fahrenheit and degrees Celsius.	Lesson 10-7, pp. 588A–588B, 588–589, Ex. 1–2, 4–5, 16; Lesson 10-8, pp. 590A–590B, 590–591, Ex. 1–11, 14–15; Lesson 10-9, pp. 592–593, Activity, Ex. 19; Lesson 10-10, pp. 594–595, Activity; Lesson 11-9, pp. 652A–652B, 652–653, Ex. 1, 3–4, 13; Lesson 11-10, pp. 654–655, Activity; Lesson 11-11, pp. 656–657, Activity; Lesson 11-14, pp. 664A–664B, 664–665, Ex. 1–4, 6–9	Cumulative Review and Test Prep, pp. 112–113, Ex. 9; Section C Review, p. 604, Ex. 5–7, C–D; Diagnostic Checkpoint, p. 605, Ex. 3–4; Chapter Test, pp. 610–611, Ex. 7; Cumulative Review and Test Prep, pp. 612–613, Ex. 7; Reteaching, pp. 614–617, Set 10-8, Ex. 1–2; More Practice, pp. 618–621, Set 10-7, Ex. 1–2, Set 10-8, Ex. 1–5; Section C Review, p. 668, Ex. 9–10; Diagnostic Checkpoint, p. 669, Ex. 3, 10–12; Chapter Test, pp. 674–675, Ex. 11; Reteaching, pp. 678–681, Set 11-14, Ex. 1–2; More Practice, pp. 682–685, Set 11-14, Ex. 1–3; Lesson 12-1, p. 689, Ex. 21–22
<ul style="list-style-type: none"> Estimating perimeter and area of irregular shapes using unit squares and grid paper 	Lesson 8-11, pp. 468–471, Activity	
<ul style="list-style-type: none"> Estimating area using unit squares 	Lesson 8-11, pp. 468–471, Activity	



Correlation to Alabama Course of Study

Grade 4 Mathematics Content Standards

Data Analysis and Probability

Content Standard	Instruction and Practice	Additional Practice and Assessment
15. Represent categorical data using tables and graphs, including bar graphs, line graphs, and line plots.	Lesson 4-6, pp. 204A–204B, 204–205, Ex. 4, 10–11; Lesson 4-7, pp. 206–207, Ex. 8, 10; Lesson 4-8, pp. 208A–208B, 208–211, Ex. 15–16; Lesson 4-10, pp. 216A–216B, 216–219, Ex. 5; Lesson 4-15, p. 235, Ex. 7; Learning with Technology, p. 219, Ex. 1–2; Lesson 4-11, pp. 222A–222B, 222–223, Ex. 1–2; Lesson 9-12, pp. 536–537, Ex. 9; Lesson 9-14, p. 541, Ex. 7 Ch. 4: Investigation, p. 188J	Lesson 4-9, p. 215, Ex. 34; Lesson 4-13, p. 231, Ex. 9; Lesson 4-15, p. 235, Ex. 7; More Practice, pp. 250–253, Set 4-11, Ex. 1; Cumulative Review and Test Prep, pp. 302–303, Ex. 17; Cumulative Review and Test Prep, pp. 488–489, Ex. 17; Diagnostic Checkpoint, p. 543, Ex. 15; Chapter Test, pp. 548–549, Ex. 11
<ul style="list-style-type: none"> Collecting data using observations, surveys, or experiments 	Lesson 4-13, pp. 230A–230B, 230–231, Ex. 10–11 Ch. 4: Investigation, p. 188J	Diagnostic Checkpoint, p. 237, Ex. 10; Chapter Test, pp. 242–243, Ex. 26; More Practice, pp. 250–253, Set 4-13, Ex. 5
<ul style="list-style-type: none"> Creating tally charts to represent data collected from real-life situations 	Lesson 4-13, pp. 230A–230B, 230–231, Ex. 10–11	More Practice, pp. 250–253, Set 4-13, Ex. 5
16. Determine if outcomes of simple events are likely, unlikely, certain, equally likely, or impossible	Lesson 12-5, pp. 700A–700B, 700–703, Ex. 1–23	Cumulative Review and Test Prep, pp. 50–51, Ex. 15; Cumulative Review and Test Prep, pp. 354–355, Ex. 14; Cumulative Review and Test Prep, pp. 612–613, Ex. 12; Lesson 12-6, p. 705, Ex. 14; Section B Review, p. 718, Ex. 1, A; Diagnostic Checkpoint, p. 718, Ex. 1, 3–5; Chapter Test, pp. 724–725, Ex. 5, 25; Cumulative Review and Test Prep, pp. 726–727, Ex. 15; Reteaching, pp. 728–730, Set 12-5, Ex. 1–4; More Practice, pp. 731–733, Set 12-5, Ex. 1–8
17. Represent numerical data using tables and graphs, including bar graphs and line graphs.	Lesson 3-5, pp. 140A–140B, 140–143, Ex. 1–7; Lesson 4-7, pp. 206–207, Ex. 10, 12; Lesson 4-10, pp. 216A–216B, 216–219, Ex. 5; Lesson 4-11, pp. 222A–222B, 222–223, Ex. 1–2; Lesson 4-15, p. 235, Ex. 7	Cumulative Review and Test Prep, pp. 50–51, Ex. 18; Diagnosing Readiness, pp. 188–189, Ex. 3–4; Lesson 4-8, p. 211, Ex. 21; Practice Game, p. 211; Section B Review, p. 224, Ex. 1–3, 9, A–B, E; Diagnostic Checkpoint, p. 225, Ex. 1, 8; Enrichment, p. 229, Ex. 5; Chapter Test, pp. 242–243, Ex. 20–21, 25



Correlation to Alabama Course of Study

Grade 5 Mathematics Content Standards

Number and Operations

Content Standard	Instruction and Practice	Additional Practice and Assessment
1. Demonstrate number sense by comparing, ordering, rounding, and expanding whole numbers through millions and decimals to thousandths.	Lesson 1-1, pp. 4–5, Ex. 5–7, 17–20; Lesson 1-2, pp. 6A–6B, 6–7, Ex. 1–16; Lesson 1-3, pp. 8A–8B, 8–11, Ex. 1–4, 12–19; Lesson 1-4, pp. 12A–12B, 12–13, Ex. 1–19; Lesson 1-8, pp. 26A–26B, 26–27, Ex. 1–23; Enrichment, p. 237, Ex. 1–6; Lesson 7-16, p. 438, Ex. 2	Diagnosing Readiness, p. 3, Ex. 14–23; Mixed Review and Test Prep, p. 11, Ex. 35–37; Warm Up, p. 12, Ex. 1–2; Mixed Review and Test Prep, p. 17, Ex. 33–35; Section A Review, p. 20, Ex. 7–8; Diagnostic Checkpoint, p. 21, Ex. 8–12; Warm Up, p. 26, Ex. 1–3; Mixed Review and Test Prep, p. 27, Ex. 29; Warm Up, p. 28, Ex. 1–3; Mixed Review and Test Prep, p. 31, Ex. 27–30; Section B Review, p. 34, Ex. 5–8; Diagnostic Checkpoint, p. 35, Ex. 1, 7–10, 15; Mixed Review and Test Prep, p. 37, Ex. 24; Mixed Review and Test Prep, p. 39, Ex. 29; Mixed Review and Test Prep, p. 41, Ex. 23; Chapter Test, pp. 52–53, Ex. 4, 10, 13–19; Cumulative Review and Test Prep, pp. 54–55, Ex. 4, 19; Reteaching, p. 56, Set 1-2, Ex. 1–3, Set 1-4, Ex. 1–6; Reteaching, p. 58, Set 1-8, Ex. 1–6; More Practice, p. 60, Set 1-2, Ex. 1–6, Set 1-4, Ex. 1–7; More Practice, p. 61, Set 1-8, Ex. 1–9; Diagnosing Readiness, p. 65, Ex. 15–25; Mixed Review and Test Prep, p. 71, Ex. 25–27; Warm Up, p. 86, Ex. 1–6; Mixed Review and Test Prep, p. 87, Ex. 23–26, 31; Mixed Review and Test Prep, p. 91, Ex. 49; Learning with Technology, p. 91, Ex. 1–4; Mixed Review and Test Prep, p. 103, Ex. 35–37; Diagnosing Readiness, p. 131, Ex. 18–27; Warm Up, p. 138, Ex. 1–6; Mixed Review and Test Prep, p. 167, Ex. 35–37; Mixed Review and Test Prep, p. 173, Ex. 32; Warm Up, p. 234, Ex. 1–4; Cumulative Review and Test Prep, p. 248, Ex. 4; Cumulative Review and Test Prep, p. 316, Ex. 6; Cumulative Review and Test Prep, p. 382, Ex. 8; Mixed Review and Test Prep, p. 405, Ex. 19; Warm Up, p. 418, Ex. 1–4; Cumulative Review and Test Prep, p. 582, Ex. 1; Cumulative Review and Test Prep, p. 637, Ex. 16
<ul style="list-style-type: none"> Relating percents to parts out of 100 by using equivalent fractions and decimals 	Lesson 11-8, pp. 668A–668B, 668–669, Ex. 1–10 Chapter 11: Investigation, p. 644J	Section C Review, p. 678, Ex. 1–4; Diagnostic Checkpoint, p. 679, Ex. 1, 3–6, 15–16; Chapter Test, pp. 684–685, Ex. 7, 28–29; Reteaching, p. 690, Set 11-8, Ex. 1–2; More Practice, p. 693, Set 11-8, Ex. 1–3
<ul style="list-style-type: none"> Determining the value of a digit to thousandths 	Lesson, 1-1, pp. 4A–4B, 4–5, Ex. 1–4, 9–16; Lesson 1-3, pp. 8A–8B, 8–11, Ex. 1–4, 12–19	Diagnosing Readiness, p. 2, Ex. 4–13; Warm Up, p. 6, Ex. 1–3; Warm Up, p. 8, Ex. 1–3; Mixed Review and Test Prep, p. 13, Ex. 25; Warm Up, p. 14, Ex. 1–4; Section A Review, p. 20, Ex. 1–6; Diagnostic Checkpoint, p. 21, Ex. 3–5, 17; Mixed Review and Test Prep, p. 31, Ex. 31; Mixed Review and Test Prep, p. 39, Ex. 30; Chapter Test, pp. 52–53, Ex. 2, 11–12; Reteaching, p. 56, Set 1-1, Ex. 1–6, Set 1-3, Ex. 1–6; More Practice, p. 60, Set 1-1, Ex. 3–5, Set 1-3, Ex. 1–8; Mixed Review and Test Prep, p. 109, Ex. 24–27; Cumulative Review and Test Prep, p. 248, Ex. 1; Mixed Review and Test Prep, p. 348, Ex. 19; Cumulative Review and Test Prep, p. 382, Ex. 3



Correlation to Alabama Course of Study

Grade 5 Mathematics Content Standards

Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
2. Solve problems involving basic operations on whole numbers, including addition and subtraction of seven-digit numbers, multiplication with two-digit multipliers, and division with two-digit divisors.	<p>Lesson 1-6, pp. 18–19, Ex. 3, 6–9; Lesson 1-10, pp. 32–33, Ex. 2, 4, 6; Lesson 1-11, pp. 36A–36B, 36–37, Ex. 1–4, 6–17; Lesson 1-14, pp. 42–43, Ex. 9; Lesson 2-1, pp. 66A–66B, 66–67, Ex. 1–17; Lesson 2-4, pp. 72A–72B, 72–75, Ex. 1–31; Lesson 3-2, pp. 136A–136B, 136–137, Ex. 1–26; Lesson 3-6, pp. 152A–152B, 152–155, Ex. 1–5, 7–25; Lesson 3-7, pp. 156A–156B, 156–157, Ex. 1–4, 6–17; Lesson 3-8, pp. 158A–158B, 158–159, Ex. 1–4, 6–17; Lesson 3-12, pp. 168A–168B, 168–169, Ex. 1–8; Lesson 4-1, pp. 202A–202B, 202–203, Ex. 1–17; Lesson 4-4, pp. 214A–214B, 214–217, Ex. 1–28, 31–34; Lesson 4-5, pp. 218A–218B, 218–221, Ex. 1–25, 32–40; Lesson 4-7, pp. 224A–224B, 224–225, Ex. 1–3, 5–20; Lesson 8-15, pp. 504–505, Ex. 2, 5</p> <p>Chapter 4: Investigation, pp. 200I–200J</p>	<p>Diagnosing Readiness, p. 3, Ex. 24–32; Warm Up, p. 4, Ex. 1–4; Mixed Review and Test Prep, p. 5, Ex. 29–32; Mixed Review and Test Prep, p. 7, Ex. 18; Warm Up, p. 22, Ex. 1–3; Mixed Review and Test Prep, p. 27, Ex. 24–27; Section B Review, p. 34, Ex. 1–4; Diagnostic Checkpoint, p. 35, Ex. 3–6; Warm Up, p. 36, Ex. 1–3; Mixed Review and Test Prep, p. 39, Ex. 26–28; Mixed Review and Test Prep, p. 41, Ex. 24; Section C Review, p. 46, Ex. 1–4; Diagnostic Checkpoint, p. 47, Ex. 1, 6, 8–9, 18; Chapter Test, pp. 52–53, Ex. 9, 20–21, 24–26; Cumulative Review and Test Prep, p. 54, Ex. 1; Reteaching, p. 57, Set 1-7, Ex. 1–6; Reteaching, p. 58, Set 1-11, Ex. 1–7; More Practice, p. 61, Set 1-7, Ex. 1–9; More Practice, p. 62, Set 1-11, Ex. 1–13; Diagnosing Readiness, pp. 64–65, Ex. 4–12, 26–31; Warm Up, p. 66, Ex. 1–6; Warm Up, p. 68, Ex. 1–5; Mixed Review and Test Prep, p. 69, Ex. 21–23; Warm Up, p. 70, Ex. 1–4; Warm Up, p. 76, Ex. 1–6; Section A Review, p. 82, Ex. 1–6; Diagnostic Checkpoint, p. 83, Ex. 1, 3–6, 15–18; Warm Up, p. 84, Ex. 1–4; Mixed Review and Test Prep, p. 85, Ex. 22–25; Mixed Review and Test Prep, p. 103, Ex. 42; Chapter Test, pp. 118–119, Ex. 1, 3–5, 17–20; Reteaching, p. 122, Set 2-1, Ex. 1–8, Set 2–3, Ex. 1–8, Set 2-4, Ex. 1–8; More Practice, p. 126, Set 2-1, Ex. 1–12, Set 2-3, Ex. 1–12, Set 2-4, Ex. 1–12; Diagnosing Readiness, p. 130, Ex. 4–12; Warm Up, p. 132, Ex. 1–6; Warm Up, p. 136, Ex. 1–4; Mixed Review and Test Prep, p. 141, Ex. 37–40; Section A Review, p. 146, Ex. 3–6; Diagnostic Checkpoint, p. 147, Ex. 3–8; Mixed Review and Test Prep, p. 151, Ex. 19; Warm Up, p. 152, Ex. 1–4; Mixed Review and Test Prep, p. 155, Ex. 38; Mixed Review and Test Prep, p. 157, Ex. 24–26; Warm Up, p. 158, Ex. 1–4; Mixed Review and Test Prep, p. 159, Ex. 24, 28; Mixed Review and Test Prep, p. 161, Ex. 26–28; Warm Up, p. 162, Ex. 1–6; Section B Review, p. 170, Ex. 3–4, 6–11; Diagnostic Checkpoint, p. 171, Ex. 1–11; Warm Up, p. 172, Ex. 1–6; Mixed Review and Test Prep, p. 173, Ex. 28–31; Mixed Review and Test Prep, p. 179, Ex. 30–34; Chapter Test, pp. 188–189, Ex. 1, 3–4, 14–15, 18–20; Cumulative Review and Test Prep, p. 190, Ex. 1; Reteaching, p. 192, Set 3-2, Ex. 1–6; Reteaching, p. 193, Set 3-6, Ex. 1–6, Set 3-7, Ex. 1–6, Set 3-8, Ex. 1–6; More Practice, p. 196, Set 3-2, Ex. 1–12; More Practice, p. 197, Set 3-6, Ex. 1–8, Set 3-7, Ex. 1–8, Set 3-8, Ex. 1–8; Diagnosing Readiness, pp. 200–201, Ex. 4–12, 15–18; Warm Up, p. 202, Ex. 1–6; Mixed Review and Test Prep, p. 203, Ex. 27–30; Section A Review, p. 212, Ex. 1–6; Diagnostic Checkpoint, p. 213, Ex. 3–8; Warm Up, p. 214, Ex. 1–4; Mixed Review and Test Prep, p. 217, Ex. 35–38; Warm Up, p. 218, Ex. 1–4; Mixed Review and Test Prep, p. 221, Ex. 41–43; Warm Up, p. 222, Ex. 1–6; Mixed Review and Test Prep, p. 223, Ex. 26–29; Warm Up, p. 224, Ex. 1–6; Section B Review, p. 228, Ex. 1–12; Chapter Test, pp. 246–247, Ex. 1, 3–5, 9, 15–19, 21–22; Reteaching, p. 250, Set 4-1, Ex. 1–8; Reteaching, p. 251, Set 4-4, Ex. 1–8, Set 4-5, Ex. 1–8; Reteaching, p. 252, Set 4-7, Ex. 1–8; More Practice, p. 254, Set 4-1, Ex. 1–12; More Practice, p. 255, Set 4-4, Ex. 1–12, Set 4-5, Ex. 1–15; Mixed Review and Test Prep, p. 261, Ex. 15–16; Warm Up, p. 266, Ex. 1–3; Mixed Review and Test Prep, p. 269, Ex. 11; Warm Up, p. 270, Ex. 1–4; Mixed Review and Test Prep, p. 273, Ex. 21–23; Warm Up, p. 282, Ex. 1–2; Mixed Review and Test Prep, p. 287, Ex. 9–10; Mixed Review and Test Prep, p. 305, Ex. 22, 24; Cumulative Review and Test Prep, p. 316, Ex. 3; Mixed Review and Test Prep, p. 355, Ex. 12, 14–15; Cumulative Review and Test Prep, p. 382, Ex. 4; Diagnosing Readiness, p. 392, Ex. 5–12; Mixed Review and Test Prep, p. 411, Ex. 17; Warm Up, p. 412, Ex. 1–4; Cumulative Review and Test Prep, p. 448, Ex. 5; Mixed Review and Test Prep, p. 473, Ex. 18–19; Mixed Review and Test Prep, p. 481, Ex. 34–37; Warm Up, p. 528, Ex. 1–6; Warm Up, p. 534, Ex. 1–5; Warm Up, p. 536, Ex. 3–4; Mixed Review and Test Prep, p. 539, Ex. 27–30; Warm Up, p. 540, Ex. 1, 3–4; Warm Up, p. 550, Ex. 1–4; Warm Up, p. 562, Ex. 1–4; Warm Up, p. 616, Ex. 1–2; Warm Up, p. 620, Ex. 1–2, 4; Mixed Review and Test Prep, p. 653, Ex. 11–15; Cumulative Review and Test Prep, p. 686, Ex. 3</p>



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Content Standard	Instruction and Practice	Additional Practice and Assessment
(Content Standard 2 continued) • Estimating products and quotients	Lesson 2-2, pp. 68A–68B, 68–69, Ex. 1–20; Lesson 2-8, pp. 86A–86B, 86–87, Ex. 1–22; Lesson 3-3, pp. 138A–138B, 138–141, Ex. 1–36; Lesson 4-2, pp. 204A–204B, 204–207, Ex. 1–28; Lesson 10-10, pp. 624–625, Ex. 1, 3, 7–8 Chapter 2: Investigation, p. 64I Chapter 3: Investigation, pp. 130I–130J	Mixed Review and Test Prep, p. 71, Ex. 22–24; Warm Up, p. 72, Ex. 1–4; Mixed Review and Test Prep, p. 75, Ex. 39–41; Section A Review, p. 82, Ex. 7–10; Diagnostic Checkpoint, p. 83, Ex. 2, 7–10, 20; Warm Up, p. 88, Ex. 1–6; Mixed Review and Test Prep, p. 91, Ex. 44–48; Mixed Review and Test Prep, p. 93, Ex. 24; Section B Review, p. 98, Ex. 7–12; Diagnostic Checkpoint, p. 99, Ex. 7–10, 28; Chapter Test, pp. 118–119, Ex. 2, 7, 15–16; Reteaching, p. 122, Set 2-2, Ex. 1–8; Reteaching, p. 124, Set 2-8, Ex. 1–6; More Practice, p. 126, Set 2-2, Ex. 1–13; More Practice, p. 127, Set 2-8, Ex. 1–13; Section A Review, p. 146, Ex. 7–10; Diagnostic Checkpoint, p. 147, Ex. 9–16, 20; Warm Up, p. 152, Ex. 5–6; Warm Up, p. 156, Ex. 1–4; Warm Up, p. 160, Ex. 1–3; Chapter Test, pp. 188–189, Ex. 2, 16–17; Cumulative Review and Test Prep, p. 190, Ex. 6; Reteaching, p. 192, Set 3-3, Ex. 1–4; More Practice, p. 196, Set 3-3, Ex. 1–13; Mixed Review and Test Prep, p. 207, Ex. 31–35; Section A Review, p. 212, Ex. 7–12; Diagnostic Checkpoint, p. 213, Ex. 2, 9–14, 18; Warm Up, p. 214, Ex. 5–6; Learning with Technology, p. 221, Ex. 1–3; Mixed Review and Test Prep, p. 225, Ex. 30; Chapter Test, pp. 246–247, Ex. 2, 13–14, 26; Cumulative Review and Test Prep, p. 248, Ex. 6; Reteaching, p. 250, Set 4-2, Ex. 1–8; More Practice, p. 254, Set 4-2, Ex. 1–13; Mixed Review and Test Prep, p. 279, Ex. 13–14; Mixed Review and Test Prep, p. 291, Ex. 18–21; Cumulative Review and Test Prep, p. 582, Ex. 2
• Determining divisibility by 2, 3, 4, 5, 6, 9, and 10	Lesson 3-10, pp. 162A–162B, 162–163, Ex. 1–22	Chapter Test, p. 188, Ex. 6, 10; Reteaching, p. 194, Set 3-10, Ex. 1–4; More Practice, p. 198, Set 3-10, Ex. 1–13; Mixed Review and Test Prep, p. 273, Ex. 25; Cumulative Review and Test Prep, p. 316, Ex. 4; Cumulative Review and Test Prep, p. 382, Ex. 5; Diagnosing Readiness, p. 393, Ex. 18–23; Warm Up, p. 414, Ex. 1–6
• Demonstrating computational fluency with addition, subtraction, multiplication, and division of whole numbers	Lesson 1-15, pp. 44A–44B, 44–45, Ex. 1–3, 6–7; Lesson 2-3, pp. 70A–70B, 70–71, Ex. 1–19; Lesson 2-5, pp. 76A–76B, 76–77, Ex. 1–35; Lesson 3-1, pp. 132A–132B, 132–135, Ex. 1–15; Lesson 3-16, pp. 180A–180B, 180–181, Ex. 2–3, 6–7; Lesson 4-3, pp. 210A–210B, 210–211, Ex. 1–6, 8; Lesson 4-6, pp. 222A–222B, 222–223, Ex. 1–25; Lesson 4-8, pp. 226A–226B, 226–227, Ex. 1–7; Lesson 8-15, pp. 504A–504B, 504–505, Ex. 1–9; Lesson 8-16, p. 507, Ex. 4; Lesson 9-16, p. 573, Ex. 5; Lesson 10-10, pp. 624A–624B, 624–625, Ex. 2, 4–6, 8; Lesson 10-11, p. 626, Ex. 2; Lesson 11-11, pp. 676–677, Ex. 2, 5, 7; Lesson 12-11, p. 731, Ex. 6 Chapter 4: Investigation, pp. 200I–200J	Diagnosing Readiness, p. 3, Ex. 33–34; Lesson 1-1, p. 5, Ex. 24–27; Mixed Review and Test Prep, p. 7, Ex. 17; Lesson 1-6, pp. 18–19, Ex. 1–9; Lesson 1-10, pp. 32–33, Ex. 1–7; Lesson 1-11, p. 37, Ex. 19–22, 25; Cumulative Review and Test Prep, p. 54, Ex. 5; Reteaching, p. 57, Set 1-6, Ex. 3; More Practice, p. 61, Set 1-6, Ex. 4; Lesson 2-1, p. 67, Ex. 19–23; Lesson 2-4, pp. 74–75, Ex. 33–37; Reteaching, p. 123, Set 2-5, Ex. 1–8; More Practice, p. 127, Set 2-5, Ex. 1–13; Lesson 3-2, p. 137, Ex. 27–32, 34–35; Lesson 3-6, pp. 154–155, Ex. 6, 26–35, 39; Lesson 3-7, p. 157, Ex. 5, 18–23; Lesson 3-8, p. 159, Ex. 5, 18–23; Mixed Review and Test Prep, p. 163, Ex. 24; Section B Review, p. 170, Ex. 5; Diagnostic Checkpoint, p. 171, Ex. 17–18; Mixed Review and Test Prep, p. 173, Ex. 27; Cumulative Review and Test Prep, p. 190, Ex. 5; Reteaching, p. 192, Set 3-1, Ex. 1–2; Reteaching, p. 194, Set 3-12, Ex. 1–2; More Practice, p. 196, Set 3-1, Ex. 1–4; More Practice, p. 198, Set 3-12, Ex. 2; Lesson 4-1, p. 203, Ex. 22–26; Mixed Review and Test Prep, p. 203, Ex. 32; Lesson 4-4, p. 216, Ex. 27–30; Practice Game, p. 217; Lesson 4-5, p. 220, Ex. 29–31; Lesson 4-7, p. 225, Ex. 22–25; Mixed Review and Test Prep, p. 225, Ex. 26–29; Lesson 4-8, p. 227, Ex. 1–7; Section B Review, p. 228, Ex. 13; Chapter Test, pp. 246–247, Ex. 12, 23, 27–28; Reteaching, p. 252, Set 4-6, Ex. 1–8; More Practice, p. 255, Set 4-6, Ex. 1–16; More Practice, p. 256, Set 4-8, Ex. 1–2; Warm Up, p. 288, Ex. 1–2; Mixed Review and Test Prep, p. 341, Ex. 15; Mixed Review and Test Prep, p. 345, Ex. 24; Diagnosing Readiness, p. 392, Ex. 13; Chapter Test, p. 447, Ex. 26; More Practice, p. 455, Set 7-6, Ex. 1–2; Section B Review, p. 488, Ex. 12; Diagnostic Checkpoint, p. 489, Ex. 14–15; Section C Review, p. 628, Ex. 17–18; Chapter Test, p. 635, Ex. 25; Mixed Review and Test Prep, p. 727, Ex. 42; Chapter Test, p. 738, Ex. 6



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Grade 5 Mathematics Content Standards

Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
3. Solve word problems that involve decimals, fractions, or money.	<p>Lesson 1-12, pp. 38–39, Ex. 21–25; Lesson 1-13, pp. 40–41, Ex. 14–18; Lesson 2-7, pp. 84–85, Ex. 5, 18–21; Lesson 2-8, pp. 86–87, Ex. 5, 19–22; Lesson 2-9, pp. 88–91, Ex. 9, 28–39; Lesson 2-10, pp. 92–93, Ex. 20–23; Lesson 2-11, pp. 94–97, Ex. 9, 25–32; Lesson 2-16, pp. 110–111, Ex. 2, 4; Lesson 3-5, pp. 148A–148B, 148–151, Ex. 1–17; Lesson 3-9, pp. 160A–160B, 160–161, Ex. 1–22; Lesson 3-12, pp. 168–169, Ex. 3, 5, 7–9; Lesson 4-10, pp. 232–233, Ex. 5, 18–22; Lesson 4-11, pp. 234–237, Ex. 25–32; Lesson 4-12, pp. 238–239, Ex. 1, 4, 6; Lesson 5-13, p. 307, Ex. 4; Lesson 6-12, p. 373, Ex. 6; Lesson 7-6, pp. 406–407, Ex. 3, 9; Lesson 7-16, p. 439, Ex. 5; Lesson 8-1, pp. 460–461, Ex. 24–27; Lesson 8-2, pp. 462–463, Ex. 6, 17–21; Lesson 8-4, pp. 466–469, Ex. 6, 22, 27–28; Lesson 8-5, pp. 472–473, Ex. 14–17; Lesson 8-7, pp. 476–477, Ex. 6, 17–20; Lesson 8-8, pp. 478–481, Ex. 5, 25–30; Lesson 8-9, pp. 484A–484B, 484–487, Ex. 2–13; Lesson 8-15, pp. 504A–504B, 504–505, Ex. 1, 3–4, 6–9; Lesson 8-16, pp. 506–507, Ex. 1, 5–6; Lesson 9-16, p. 573, Ex. 3–4, 7; Lesson 10-11, p. 627, Ex. 5; Lesson 11-11, pp. 676–677, Ex. 3–4</p> <p>Chapter 1: Investigation, p. 2J</p> <p>Chapter 2: Investigation, p. 64J</p>	<p>Diagnostic Checkpoint, p. 47, Ex. 11–13, 19; Mixed Review and Test Prep, p. 67, Ex. 27; Lesson 2-7, p. 85, Ex. 19–21; Diagnostic Checkpoint, p. 99, Ex. 29; Cumulative Review and Test Prep, p. 120, Ex. 4; Section B Review, p. 170, Ex. 1–2; Diagnostic Checkpoint, p. 171, Ex. 19; Mixed Review and Test Prep, p. 179, Ex. 35; Chapter Test, p. 189, Ex. 27; Cumulative Review and Test Prep, p. 191, Ex. 20; Reteaching, p. 193, Set 3-5, Ex. 1–3; Reteaching, p. 194, Set 3-9, Ex. 1–6; More Practice, p. 197, Set 3-5, Ex. 1–3; More Practice, p. 198, Set 3-9, Ex. 1–9, Set 3-12, Ex. 1; Mixed Review and Test Prep, p. 231, Ex. 28; Lesson 4-10, p. 233, Ex. 19–22; Mixed Review and Test Prep, p. 233, Ex. 27; Mixed Review and Test Prep, p. 237, Ex. 42; Diagnostic Checkpoint, p. 241, Ex. 15–17; Chapter Test, pp. 246–247, Ex. 11, 24; Cumulative Review and Test Prep, pp. 248–249, Ex. 5, 21; Reteaching, p. 253, Set 4-8, Ex. 1–2; Mixed Review and Test Prep, p. 261, Ex. 19; Cumulative Review and Test Prep, p. 316, Ex. 5; Mixed Review and Test Prep, p. 355, Ex. 17; Cumulative Review and Test Prep, p. 382, Ex. 6; Lesson 7-6, p. 407, Ex. 2–5, 8; Cumulative Review and Test Prep, pp. 448–449, Ex. 2, 21; Reteaching, p. 451, Set 7-6, Ex. 1–2; Mixed Review and Test Prep, p. 493, Ex. 54; Mixed Review and Test Prep, p. 499, Ex. 45; Cumulative Review and Test Prep, p. 516, Ex. 7; Cumulative Review and Test Prep, p. 582, Ex. 5; Cumulative Review and Test Prep, p. 636, Ex. 4; Cumulative Review and Test Prep, p. 686, Ex. 6, 8</p>
<ul style="list-style-type: none"> Solving word problems involving elapsed time 	<p>Lesson 9-13, pp. 564A–564B, 564–567, Ex. 1–21, 30–36, 39–40</p>	<p>Cumulative Review and Test Prep, p. 190, Ex. 8; Cumulative Review and Test Prep, p. 248, Ex. 7; Cumulative Review and Test Prep, p. 316, Ex. 12; Learning with Technology, p. 567; Mixed Review and Test Prep, p. 569, Ex. 18–19; Section C Review, p. 574, Ex. 5–6; Diagnostic Checkpoint, p. 575, Ex. 2; Chapter Test, p. 581, Ex. 20–21; Cumulative Review and Test Prep, p. 582, Ex. 12; Reteaching, p. 587, Set 9-13, Ex. 1–4; More Practice, p. 591, Set 9-13, Ex. 1–7; Cumulative Review and Test Prep, p. 636, Ex. 8</p>



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Grade 5 Mathematics Content Standards

Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
4. Demonstrate the sum and difference of fractions with common and uncommon denominators.	Lesson 8-1, pp. 460A–460B, 460–461, Ex. 1–23; Lesson 8-2, pp. 462A–462B, 462–463, Ex. 1–16; Lesson 8-4, pp. 466A–466B, 466–469, Ex. 1–21; Lesson 8-5, pp. 472A–472B, 472–473, Ex. 1–13; Lesson 8-7, pp. 476A–476B, 476–477, Ex. 1–17; Lesson 8-8, pp. 478A–478B, 478–481; Ex. 1–24	Mixed Review and Test Prep, p. 463, Ex. 22–23; Mixed Review and Test Prep, p. 465, Ex. 27; Section A Review, p. 470, Ex. 1–4, 9–14; Diagnostic Checkpoint, p. 471, Ex. 1, 3–11; Warm Up, p. 476, Ex. 1–4; Warm Up, p. 478, Ex. 1–4; Mixed Review and Test Prep, p. 481, Ex. 38; Section B Review, p. 488, Ex. 5–10; Diagnostic Checkpoint, p. 489, Ex. 1, 6–13; Mixed Review and Test Prep, p. 493, Ex. 45–53; Chapter Test, pp. 514–515, Ex. 1, 3, 5–6, 9, 14–19; Cumulative Review and Test Prep, pp. 516–517, Ex. 1, 20; Reteaching, p. 518, Set 8-1, Ex. 1–8, Set 8-2, Ex. 1–8; Reteaching, p. 519, Set 8-4, Ex. 1–8, Set 8-5, Ex. 1–6, Set 8-7, Ex. 1–4; Reteaching, p. 520, Set 8-8, Ex. 1–6; More Practice, p. 522, Set 8-1, Ex. 1–13; Set 8-2, Ex. 1–12, Set 8-4, Ex. 1–13; More Practice, p. 523, Set 8-5, Ex. 1–9, Set 8-7, Ex. 1–13, Set 8-8, Ex. 1–9
<ul style="list-style-type: none"> Changing mixed numbers to improper fractions 	Lesson 7-3, pp. 400A–400B, 400–401, Ex. 1–25	Mixed Review and Test Prep, p. 403, Ex. 15–20; Warm Up, p. 404, Ex. 1–4; Section A Review, p. 408, Ex. 8–11; Diagnostic Checkpoint, p. 409, Ex. 7–14, 21; Mixed Review and Test Prep, p. 413, Ex. 24–27; Mixed Review and Test Prep, p. 429, Ex. 33; Chapter Test, pp. 446–447, Ex. 3, 14–15; Reteaching, p. 450, Set 7-3, Ex. 1–4; More Practice, p. 454, Set 7-3, Ex. 1–9; Diagnosing Readiness, p. 458, Ex. 4–16; Warm Up, p. 472, Ex. 1–6; Warm Up, p. 500, Ex. 1–6; Mixed Review and Test Prep, p. 549, Ex. 19–22
<ul style="list-style-type: none"> Solving problems involving addition and subtraction of fractions with common and uncommon denominators 	Lesson 8-1, pp. 460–461, Ex. 25–27; Lesson 8-2, pp. 462–463, Ex. 17–21; Lesson 8-4, pp. 466–469; Ex. 22–28; Lesson 8-5, pp. 472A–472B, 472–473, Ex. 1–4, 6–13; Lesson 8-7, pp. 476A–476B, 476–477, Ex. 1–5, 7–16; Lesson 8-8, pp. 478A–478B, 478–481, Ex. 1–4, 6–24, 31–33	Diagnostic Checkpoint, p. 471, Ex. 12–13, 15; Lesson 8-5, p. 473, Ex. 14–17; Mixed Review and Test Prep, p. 473, Ex. 22; Lesson 8-7, p. 477, Ex. 18–20; Lesson 8-8, p. 480, Ex. 25–30; Mixed Review and Test Prep, p. 487, Ex. 19; Section C Review, p. 508, Ex. 16; Diagnostic Checkpoint, p. 509, Ex. 24–25; Chapter Test, pp. 514–515, Ex. 2, 7, 29; Reteaching, p. 520, Set 8-9, Ex. 1; Reteaching, p. 521, Set 8-15, Ex. 1; More Practice, p. 524, Set 8-9, Ex. 1–2; More Practice, p. 525, Set 8-15, Ex. 1–2
<ul style="list-style-type: none"> Using least common multiples 	Lesson 8-3, pp. 464A–464B, 464–465, Ex. 1–26	Lesson 8-4, p. 469, Ex. 29–34; Section A Review, p. 470, Ex. 5–8; Diagnostic Checkpoint, p. 471, Ex. 2, 14; Mixed Review and Test Prep, p. 501, Ex. 27; Chapter Test, pp. 514–515, Ex. 4, 25–28; Cumulative Review and Test Prep, pp. 516–517, Ex. 6, 19; Reteaching, p. 518, Set 8-3, Ex. 1–8; More Practice, p. 522, Set 8-3, Ex. 1–12
<ul style="list-style-type: none"> Estimating sums and differences of fractions 	Lesson 8-6, pp. 474A–474B, 474–475, Ex. 1–16	Mixed Review and Test Prep, p. 477, Ex. 21–24; Mixed Review and Test Prep, p. 487, Ex. 14–18; Section B Review, p. 488, Ex. 1–4; Diagnostic Checkpoint, p. 489, Ex. 2–5; Chapter Test, pp. 514–515, Ex. 8, 20–21; Reteaching, p. 519, Set 8-6, Ex. 1–4; More Practice, p. 523, Set 8-6, Ex. 1–10
5. Identify numbers less than zero by extending the number line.	Lesson 9-14, pp. 568–569, Ex. 9–10, 14; Lesson 12-5, pp. 712A–712B, 712–715, Ex. 1–7, 12–15, 17–26, 35–43	Section C Review, p. 574, Ex. 8; Diagnostic Checkpoint, p. 575, Ex. 4–5, 8–9; Reteaching, p. 587, Set 9-14, Ex. 6; More Practice, p. 591, Set 9-14, Ex. 3, 5–6; Mixed Review and Test Prep, p. 597, Ex. 28; Section B Review, p. 722, Ex. 1–3; Diagnostic Checkpoint, p. 723, Ex. 4–6, 22; Reteaching, p. 743, Set 12-5, Ex. 1–8; More Practice, p. 746, Set 12-5, Ex. 1–7, 16–23



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Algebra

Content Standard	Instruction and Practice	Additional Practice and Assessment
6. Demonstrate the commutative, associative, and identity properties of addition and multiplication of whole numbers.	Lesson 1-7, pp. 22A–22B, 22–25, Ex. 1–22; Lesson 2-1, pp. 66A–66B, 66–67, Ex. 3–4, 10–17, 20–21, 23	Mixed Review and Test Prep, p. 27, Ex. 28; Cumulative Review and Test Prep, p. 55, Ex. 23; Mixed Review and Test Prep, p. 75, Ex. 42; Mixed Review and Test Prep, p. 567, Ex. 47
7. Write a number sentence for a problem expressed in words.	Lesson 12-4, pp. 706A–706B, 706–709, Ex. 1–6	Diagnosing Readiness, p. 695, Ex. 21–22; Section A Review, p. 710, Ex. 15–16; Diagnostic Checkpoint, p. 711, Ex. 16–17; Chapter Test, pp. 738–739, Ex. 13, 21; Reteaching, p. 743, Set 12-4, Ex. 1–3; More Practice, p. 745, Set 12-4, Ex. 1–3

Geometry

Content Standard	Instruction and Practice	Additional Practice and Assessment
8. Identify regular polygons and congruent polygons.	Lesson 6-4, pp. 340A–340B, 340–341, Ex. 1–10, 12; Lesson 6-9, pp. 360A–360B, 360–362, Ex. 1–15 Chapter 6: Investigation, p. 326I	Diagnosing Readiness, p. 327, Ex. 14–19; Warm Up, p. 364, Ex. 1; Section C Review, p. 374, Ex. 1–3; Diagnostic Checkpoint, p. 375, Ex. 2–4; Chapter Test, p. 381, Ex. 21–22; Reteaching, p. 385, Set 6-4, Ex. 1–4; Reteaching, p. 386, Set 6-9, Ex. 1–3; More Practice, p. 389, Set 6-4, Ex. 1–4; More Practice, p. 390, Set 6-9, Ex. 1–4; Warm Up, p. 598, Ex. 1–2; Cumulative Review and Test Prep, p. 740, Ex. 15
• Identifying angles as right, obtuse, acute, or straight	Lesson 6-2, pp. 332A–332B, 332–335, Ex. 1–4, 10–13, 20	Cumulative Review and Test Prep, p. 120, Ex. 9; Mixed Review and Test Prep, p. 337, Ex. 19; Section A Review, p. 338, Ex. 6–7; Diagnostic Checkpoint, p. 339, Ex. 1; Mixed Review and Test Prep, p. 341, Ex. 16; Chapter Test, p. 380, Ex. 2–3; Cumulative Review and Test Prep, p. 382, Ex. 10; Reteaching, p. 384, Set 6-2, Ex. 1–4; More Practice, p. 388, Set 6-2, Ex. 1–4; Cumulative Review and Test Prep, p. 516, Ex. 10; Mixed Review and Test Prep, p. 555, Ex. 16–19; Mixed Review and Test Prep, p. 674, Ex. 30; Cumulative Review and Test Prep, p. 740, Ex. 10
• Classifying triangles as equilateral, isosceles, or scalene	Lesson 6-5, pp. 342A–342B, 342–345, Ex. 1–4, 9–13, 18–20; Lesson 6-12, p. 373, Ex. 5 Chapter 6: Investigation, p. 326J	Discovery Channel, p. 345, Ex. 2; Mixed Review and Test Prep, p. 348, Ex. 20; Section B Review, p. 358, Ex. 4–6; Diagnostic Checkpoint, p. 359, Ex. 3–6, 12–14; Mixed Review and Test Prep, p. 367, Ex. 20; Chapter Test, pp. 380–381, Ex. 7, 23–24; Cumulative Review and Test Prep, p. 382, Ex. 13; Reteaching, p. 385, Set 6-5, Ex. 1–4; More Practice, p. 389, Set 6-5, Ex. 1–3, 8; Cumulative Review and Test Prep, p. 448, Ex. 9; Cumulative Review and Test Prep, p. 516, Ex. 11; Mixed Review and Test Prep, p. 597, Ex. 27; Mixed Review and Test Prep, p. 647, Ex. 18; Cumulative Review and Test Prep, p. 686, Ex. 12; Cumulative Review and Test Prep, p. 740, Ex. 14
• Identifying figures that have rotational symmetry	Lesson 6-11, p. 370, Ex. 21–25	



Correlation to Alabama Course of Study

Grade 5 Mathematics Content Standards

Geometry (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
(Content Standard 8 continued) <ul style="list-style-type: none"> Predicting the results of a flip (reflection), turn (rotation), or slide (translation) 	Lesson 6-10, pp. 364A–364B, 364–367, Ex. 1–19	Learning with Technology, p. 367, Ex. 1–3; Warm Up, p. 368, Ex. 1–4; Section C Review, p. 374, Ex. 4–6; Diagnostic Checkpoint, p. 375, Ex. 5–8; Chapter Test, p. 381, Ex. 12, 27–28; Cumulative Review and Test Prep, p. 382, Ex. 11; Reteaching, p. 387, Set 6-10, Ex. 1–4; More Practice, p. 391, Set 6-10, Ex. 1–4; Mixed Review and Test Prep, p. 397, Ex. 27–29; Mixed Review and Test Prep, p. 399, Ex. 20; Cumulative Review and Test Prep, p. 516, Ex. 12; Cumulative Review and Test Prep, p. 740, Ex. 12
9. Identify components of the Cartesian plane, including the x-axis, y-axis, origin, and quadrants.	Lesson 3-14, pp. 174–175, Ex. 9; Lesson 12-9, pp. 724A–724B, 724–727, Ex. 1–31	Section C Review, p. 182, Ex. 8–10; Diagnostic Checkpoint, p. 183, Ex. 3, 10–15; Section C Review, p. 732, Ex. 11–12; Diagnostic Checkpoint, p. 733, Ex. 3
10. Identify the center, radius, and diameter of a circle.	Lesson 6-3, pp. 336A–336B, 336–337, Ex. 1–18	Section A Review, p. 338, Ex. 11–15; Diagnostic Checkpoint, p. 339, Ex. 8, 10; Mixed Review and Test Prep, p. 341, Ex. 14; Mixed Review and Test Prep, p. 362, Ex. 17; Mixed Review and Test Prep, p. 367, Ex. 21; Chapter Test, pp. 380–381, Ex. 4–5, 20; Reteaching, p. 384, Set 6-3, Ex. 1–5; More Practice, p. 388, Set 6-3, Ex. 1–6; Cumulative Review and Test Prep, p. 686, Ex. 13

Measurement

Content Standard	Instruction and Practice	Additional Practice and Assessment
11. Estimate perimeter and area of irregular shapes using unit squares and grid paper.	Lesson 9-5, pp. 540–541, Ex. 4; Lesson 9-7, pp. 548A–548B, 548–549, Ex. 1–18 Chapter 9: Investigation, p. 526I	Cumulative Review and Test Prep, p. 54, Ex. 9; Mixed Review and Test Prep, p. 551, Ex. 16–18; Section B Review, p. 560, Ex. 1–2; Diagnostic Checkpoint, p. 561, Ex. 1; Chapter Test, p. 581, Ex. 13
12. Calculate the perimeter of rectangles from measured dimensions.	Lesson 9-5, pp. 540–541, Ex. 2, 4, 9–11	Cumulative Review and Test Prep, p. 190, Ex. 10; Section A Review, p. 546, Ex. 12; Diagnostic Checkpoint, p. 547, Ex. 2, 12; Cumulative Review and Test Prep, p. 582, Ex. 10; Reteaching, p. 585, Set 9-5, Ex. 1; More Practice, p. 589, Set 9-5, Ex. 4–6, 9; Cumulative Review and Test Prep, p. 637, Ex. 21; Mixed Review and Test Prep, p. 709, Ex. 27
13. Convert a larger unit of measurement to a smaller unit of measurement within the same system, customary or metric.	Lesson 9-1, pp. 528A–528B, 528–531, Ex. 1–4, 9–16, 25–36; Lesson 9-4, pp. 536A–536B, 536–539, Ex. 1–23; Lesson 10-6, pp. 614A–614B, 614–615, Ex. 1–4, 10–13, 18–22; Lesson 10-7, pp. 616A–616B, 616–617, Ex. 1–19; Lesson 10-8, pp. 620A–620B, 620–621, Ex. 1–4, 10–13, 20–24; Lesson 10-9, pp. 622A–622B, 622–623, Ex. 1–8, 10–17; Lesson 10-11, p. 627, Ex. 4	Cumulative Review and Test Prep, p. 54, Ex. 10; Cumulative Review and Test Prep, p. 120, Ex. 8; Cumulative Review and Test Prep, p. 190, Ex. 11; Cumulative Review and Test Prep, p. 248, Ex. 8; Diagnosing Readiness, p. 526, Ex. 5–13; Practice Game, p. 539; Mixed Review and Test Prep, p. 541, Ex. 12–15; Section A Review, p. 546, Ex. 1–3, 9–11; Diagnostic Checkpoint, p. 547, Ex. 3–6; Mixed Review and Test Prep, p. 563, Ex. 21–23; Chapter Test, pp. 580–581, Ex. 1, 5, 14–19; Cumulative Review and Test Prep, p. 582, Ex. 9; Reteaching, p. 584, Set 9-4, Ex. 1–3; More Practice, p. 588, Set 9-1, Ex. 1–3; Set 9-4, Ex. 1–3; Mixed Review and Test Prep, p. 617, Ex. 24; Section B Review, p. 618, Ex. 4–9, 12–17; Diagnostic Checkpoint, p. 619, Ex. 1, 3–11; Mixed Review and Test Prep, p. 621, Ex. 30; Mixed Review and Test Prep, p. 623, Ex. 25–26; Section C Review, p. 628, Ex. 1–6, 9–16; Diagnostic Checkpoint, p. 629, Ex. 1–11; Chapter Test, p. 635, Ex. 11–12, 15–20, 27; Reteaching, p. 639, Set 10-6, Ex. 1–4; Reteaching, p. 640, Set 10-7, Ex. 1–5, Set 10-8, Ex. 1–4, Set 10-9, Ex. 1–4; More Practice, p. 642, Set 10-6, Ex. 1–8; More Practice, p. 643, Set 10-7, Ex. 1–9, Set 10-8, Ex. 1–4, 9, Set 10-9, Ex. 1–8; Cumulative Review and Test Prep, p. 686, Ex. 10



Correlation to Alabama Course of Study

Grade 5 Mathematics Content Standards

Data Analysis and Probability

Content Standard	Instruction and Practice	Additional Practice and Assessment
14. Analyze data collected from a survey or experiment to distinguish between what the data show and what might account for the results.	Lesson 5-1, pp. 260A–260B, 260–261, Ex. 1–14; Enrichment, p. 269; Lesson 12-11, p. 731, Ex. 5	Warm Up, p. 260, Ex. 1; Section A Review, p. 280, Ex. 1–2; Diagnostic Checkpoint, p. 281, Ex. 1, 10; Chapter Test, pp. 314–315, Ex. 1, 10–12, 16; Reteaching, p. 318, Set 5-1, Ex. 1–3; More Practice, p. 322, Set 5-1, Ex. 1–6
<ul style="list-style-type: none"> Evaluating different representations of the same data to determine how well each representation shows important aspects of the data 	Enrichment, p. 269; Learning with Technology, p. 273, Ex. 1–2; Lesson 5-8, pp. 288A–288B, 288–291, Ex. 1–17	Section B Review, p. 294, Ex. 4; Diagnostic Checkpoint, p. 295, Ex. 2, 5; Mixed Review and Test Prep, p. 299, Ex. 24; Chapter Test, p. 314, Ex. 7; Reteaching, p. 320, Set 5-8, Ex. 1; More Practice, p. 324, Set 5-8, Ex. 1–5; Cumulative Review and Test Prep, p. 449, Ex. 16; Cumulative Review and Test Prep, p. 517, Ex. 18; Mixed Review and Test Prep, p. 551, Ex. 19
<ul style="list-style-type: none"> Using given measures of central tendency (mean, median, and mode) to analyze data 	Lesson 5-6, pp. 282A–282B, 282–285, Ex. 1–18; Lesson 5-13, p. 307, Ex. 5; Lesson 12-11, p. 730, Ex. 3 Chapter 5: Investigation, p. 258I	Mixed Review and Test Prep, p. 287, Ex. 12; Practice Game, p. 291; Section B Review, p. 294, Ex. 1; Diagnostic Checkpoint, p. 295, Ex. 1, 3–4; Chapter Test, pp. 314–315, Ex. 2, 5, 13–14; Cumulative Review and Test Prep, p. 317, Ex. 16, 18; Reteaching, p. 319, Set 5-6, Ex. 1–3; More Practice, p. 323, Set 5-6, Ex. 1–4; Mixed Review and Test Prep, p. 335, Ex. 27; Cumulative Review and Test Prep, p. 383, Ex. 18; Cumulative Review and Test Prep, p. 449, Ex. 14–15; Mixed Review and Test Prep, p. 495, Ex. 31; Cumulative Review and Test Prep, p. 517, Ex. 16; Mixed Review and Test Prep, p. 541, Ex. 16; Cumulative Review and Test Prep, p. 583, Ex. 18; Mixed Review and Test Prep, p. 613, Ex. 22–23; Cumulative Review and Test Prep, pp. 636–637, Ex. 1, 14; Cumulative Review and Test Prep, p. 687, Ex. 16; Cumulative Review and Test Prep, p. 741, Ex. 16–17
15. Use the common fractions to represent the probability of events that are neither certain nor impossible.	Lesson 5-12, pp. 302A–302B, 302–305, Ex. 1–16 Chapter 5: Investigation, p. 258J	Cumulative Review and Test Prep, p. 249, Ex. 13; Learning with Technology, p. 305, Ex. 1–2; Section C Review, p. 308, Ex. 7–11; Diagnostic Checkpoint, p. 309, Ex. 1, 9–15; Chapter Test, pp. 314–315, Ex. 9, 19; Cumulative Review and Test Prep, p. 317, Ex. 14; Reteaching, p. 321, Set 5-12, Ex. 1–6; More Practice, p. 325, Set 5-12, Ex. 1–6; Mixed Review and Test Prep, p. 331, Ex. 25; Cumulative Review and Test Prep, p. 383, Ex. 16; Cumulative Review and Test Prep, p. 449, Ex. 13; Cumulative Review and Test Prep, p. 517, Ex. 15; Cumulative Review and Test Prep, p. 583, Ex. 15; Cumulative Review and Test Prep, p. 637, Ex. 13



Correlation to Alabama Course of Study

Grade 6 Mathematics Content Standards

Number and Operations

Content Standard	Instruction and Practice	Additional Practice and Assessment
1. Demonstrate computational fluency with addition, subtraction, multiplication, and division of decimals and fractions.	Lesson 4-7, pp. 224A–224B, 224–225, Ex. 1–28; Lesson 8-4, pp. 414A–414B, 414–415, Ex. 2–4, 6–8 Chapter 4: Investigation, p. 202I	Warm Up, p. 100, Ex. 1–3; Lesson 2-9, p. 102, Ex. 25–26, 30; Section B Review, p. 104, Ex. 1–16; Diagnostic Checkpoint, p. 105, Ex. 1–24; Learning with Technology, p. 109, Ex. 1–4; Warm Up, p. 110, Ex. 1–3; Lesson 2-11, p. 111, Ex. 28–33; Chapter Test, pp. 128–129, Ex. 1–5, 11, 13–14; Cumulative Review and Test Prep, p. 130, Ex. 1; Reteaching, pp. 133–134, Set 2-5, Ex. 1–8, Set 2-6, Ex. 1–8, Set 2-7, Ex. 1–8, Set 2-9, Ex. 1–10, Set 2-10, Ex. 1–8; More Practice, pp. 137–138, Set 2-5, Ex. 1–17, Set 2-6, Ex. 1–17, Set 2-7, Ex. 1–13, Set 2-9, Ex. 5–22, Set 2-10, Ex. 4–19; Diagnosing Readiness, p. 141, Ex. 21–22; Lesson 3-2, p. 149, Ex. 46; Lesson 3-9, p. 171, Ex. 19; Diagnosing Readiness, p. 203, Ex. 24–31; Lesson 4-2, p. 209, Ex. 29–32; Lesson 4-4, p. 217, Ex. 25–28; Lesson 4-6, p. 223, Ex. 34–36; Discovery Channel, p. 223, Ex. 1; Warm Up, p. 224, Ex. 1–4; Lesson 4-9, p. 228, Ex. 3; Section A Review, p. 214, Ex. 1–16; Diagnostic Checkpoint, p. 215, Ex. 1–14, 18, 21; Section B Review, p. 230, Ex. 5–16; Diagnostic Checkpoint, p. 231, Ex. 1–2, 7–14, 19; Key Vocabulary and Concept Review, pp. 234–235, Ex. 1, 3; Chapter Test, pp. 236–237, Ex. 1–2, 5–9, 17–21; Cumulative Review and Test Prep, p. 238, Ex. 3; Reteaching, pp. 240–242, Set 4-1, Ex. 1–6, Set 4-2, Ex. 1–10, Set 4-5, Ex. 1–8, Set 4-6, Ex. 1–8, Set 4-7, Ex. 1–8; More Practice, pp. 243–245, Set 4-1, Ex. 1–17, Set 4-2, Ex. 1–17, Set 4-5, Ex. 1–13, Set 4-6, Ex. 1–14, Set 4-7, Ex. 1–12; Warm Up, p. 256, Ex. 1–4; Lesson 5-3, p. 257, Ex. 18–20; Warm Up, p. 258, Ex. 1–4; Section A Review, p. 260, Ex. 1–12, 21–28; Diagnostic Checkpoint, p. 261, Ex. 1–12, 17–24; Warm Up, p. 266, Ex. 1–4; Discovery Channel, p. 269, Ex. 1–2; Warm Up, p. 270, Ex. 1–4; Section B Review, p. 272, Ex. 6–21; Diagnostic Checkpoint, p. 273, Ex. 1–2, 8–26; Key Vocabulary and Concept Review, p. 286, Ex. 1–2; Chapter Test, pp. 288–289, Ex. 1, 4, 6, 13–14, 19–20; Cumulative Review and Test Prep, p. 290, Ex. 1, 4–10; Reteaching, pp. 292–294, Set 5-1, Ex. 1–8, Set 5-2, Ex. 1–8, Set 5-4, Ex. 1–8, Set 5-6, Ex. 1–8, Set 5-7, Ex. 1–6; More Practice, pp. 295–297, Set 5-1, Ex. 1–13, Set 5-2, Ex. 1–16, Set 5-4, Ex. 1–17, Set 5-6, Ex. 5–21, Set 5-7, Ex. 1–7; Lesson 6-1, p. 301, Ex. 17; Lesson 6-6, p. 321, Ex. 26; Warm Up, p. 322, Ex. 4–5; Lesson 6-7, p. 323, Ex. 21; Cumulative Review and Test Prep, p. 344, Ex. 4, 7–8; Diagnosing Readiness, p. 353, Ex. 14–33; Lesson 7-4, p. 367, Ex. 26; Warm Up, p. 368, Ex. 1–4; Warm Up, p. 386, Ex. 1–4; Lesson 7-11, p. 388, Ex. 2; Cumulative Review and Test Prep, pp. 398, Ex. 1; Lesson 8-1, p. 409, Ex. 21; Section A Review, p. 416, Ex. 18; Diagnostic Checkpoint, p. 417, Ex. 20; Lesson 8-6, p. 425, Ex. 30–33; Learning with Technology, p. 425, Ex. 2–4; Cumulative Review and Test Prep, p. 530, Ex. 3–4; Warm Up, p. 542, Ex. 1–4; Lesson 10-1, p. 545, Ex. 40–47; Warm Up, p. 546, Ex. 1–3; Lesson 10-2, p. 549, Ex. 46; Warm Up, p. 568, Ex. 1–2; Warm Up, p. 576, Ex. 1–4; Warm Up, p. 594, Ex. 2–3; Diagnosing Readiness, p. 619, Ex. 22–33; Lesson 11-4, p. 633, Ex. 12
• Comparing rational numbers written as fractions, decimals, mixed numbers, and percents	Lesson 2-2, pp. 78A–78B, 78–79, Ex. 1–23; Lesson 3-11, pp. 176A–176B, 176–179, Ex. 1–27, 29–31; Lesson 8-3, pp. 412A–412B, 412–413, Ex. 5–8, 15–18	Lesson 2-3, p. 81, Ex. 23–25; Section A Review, p. 84, Ex. 7–10; Diagnostic Checkpoint, p. 85, Ex. 9–13, 28; Chapter Test, p. 128, Ex. 6; Reteaching, p. 132, Set 2-2, Ex. 1–5; More Practice, p. 136, Set 2-2, Ex. 1–13; Diagnosing Readiness, p. 141, Ex. 26–32; Section B Review, p. 184, Ex. 16–17; Diagnostic Checkpoint, p. 185, Ex. 16–19; Chapter Test, p. 191, Ex. 13–18, 25; Cumulative Review and Test Prep, p. 192, Ex. 4–5; Reteaching, p. 197, Set 3-11, Ex. 1–6; More Practice, p. 201, Set 3-11, Ex. 1–11; Lesson 4-1, p. 205, Ex. 22; Diagnosing Readiness, p. 352, Ex. 13; Lesson 7-2, pp. 359–361, Ex. 9, 35–36, 47; Warm Up, p. 410, Ex. 1–3; Warm Up, p. 412, Ex. 1–3; Section A Review, p. 416, Ex. 10–13, 15–16; Diagnostic Checkpoint, p. 417, Ex. 2, 17; Lesson 8-5, p. 421, Ex. 35; Lesson 8-6, p. 425, Ex. 35–36; Lesson 8-10, p. 437, Ex. 17; Chapter Test, pp. 458–459, Ex. 3, 17–18, 20; Cumulative Review and Test Prep, p. 460, Ex. 3; Reteaching, p. 462, Set 8-3, Ex. 5–8; More Practice, p. 466, Set 8-3, Ex. 7–11, 13–15; Lesson 9-1, p. 475, Ex. 27; Lesson 9-8, p. 501, Ex. 23; Cumulative Review and Test Prep, p. 608, Ex. 3; Diagnosing Readiness, p. 618, Ex. 5–10; Cumulative Review and Test Prep, p. 734, Ex. 1



Correlation to Alabama Course of Study

Grade 6 Mathematics Content Standards

Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
(Content Standard 1 continued) <ul style="list-style-type: none"> Converting fractions and mixed numbers to decimals and percents 	Lesson 3-10, pp. 172A–172B, 172–175, Ex. 1–48; Lesson 7-2, pp. 358A–358B, 358–361, Ex. 1–2, 5, 8, 20–21, 23, 26–27, 30, 33–36 Chapter 3: Investigation, p. 140J	Warm Up, p. 176, Ex. 1–4; Talk About It, p. 177, Ex. 3, 5; Lesson 3-11, pp. 178–179, Ex. 3, 5, 7, 12–14, 16–17, 19, 21–22, 25–27, 31, 41; Enrichment, p. 179, Ex. 1–5; Section B Review, p. 184, Ex. 13–14, 17; Diagnostic Checkpoint, p. 185, Ex. 2, 12, 14–15, 17–19, 22; Chapter Test, p. 191, Ex. 17–18, 28; Cumulative Review and Test Prep, p. 192, Ex. 5; Reteaching, p. 197, Set 3-10, Ex. 7–12, Set 3-11, Ex. 2–3, 5; More Practice, p. 201, Set 3-10, Ex. 7–12, Set 3-11, Ex. 5, 9–10; Lesson 4-1, p. 205, Ex. 21–22; Lesson 4-2, pp. 208–209, Ex. 17, 33; Lesson 4-6, p. 222, Ex. 23; Cumulative Review and Test Prep, p. 238, Ex. 5, 7; Lesson 5-1, p. 250, Ex. 23; Lesson 5-2, p. 253, Ex. 13; Lesson 5-6, pp. 268–269, Ex. 31, 43; Diagnosing Readiness, p. 352, Ex. 7–9, 13; Lesson 7-1, p. 356, Ex. 17; Practice Game, p. 361; Section A Review, p. 364, Ex. 5–6, 8; Diagnostic Checkpoint, p. 365, Ex. 1, 9, 12–14, 16; Key Vocabulary and Concept Review, p. 394, Ex. 1; Chapter Test, pp. 396–397, Ex. 5, 13; Reteaching, p. 400, Set 7-2, Ex. 1, 3, 5, 7; More Practice, p. 403, Set 7-2, Ex. 1–4, 7, 9, 12–13; Learning with Technology, p. 425, Ex. 5; Cumulative Review and Test Prep, p. 460, Ex. 5; Cumulative Review and Test Prep, p. 608, Ex. 2–3; Warm Up, p. 620, Ex. 1–4; Warm Up, p. 662, Ex. 3–4; Talk About It, p. 662, Ex. 2
<ul style="list-style-type: none"> Converting terminating decimals and percents to fractions and mixed numbers 	Lesson 7-2, pp. 358A–358B, 358–361, Ex. 1–4, 6–7, 9–19, 22, 24–25, 28–29, 31–32, 35–36, 42–45	Talk About It, p. 177, Ex. 5; Lesson 3-11, pp. 177–179, Ex. 3, 5, 7, 12–14, 16–17, 19, 21–22, 25–27, 31, 41; Section B Review, p. 184, Ex. 15; Diagnostic Checkpoint, p. 185, Ex. 11, 13, 17–19; Chapter Test, pp. 190–191, Ex. 12, 17–18; Cumulative Review and Test Prep, p. 192, Ex. 5; Reteaching, p. 197, Set 3-10, Ex. 1–6, Set 3-11, Ex. 2–3; More Practice, p. 201, Set 3-10, Ex. 1–6, Set 3-11, Ex. 5, 9–10; Lesson 4-1, p. 205, Ex. 21–22; Cumulative Review and Test Prep, p. 238, Ex. 7; Diagnosing Readiness, p. 352, Ex. 10–13; Practice Game, p. 361; Section A Review, p. 364, Ex. 5–7, 9; Diagnostic Checkpoint, p. 365, Ex. 7–8, 10–11, 15; Warm Up, p. 366, Ex. 1–4; Lesson 7-4, p. 367, Ex. 25; Lesson 7-7, p. 377, Ex. 17; Talk About It, p. 381, Ex. 3; Lesson 7-8, p. 382, Ex. 19; Warm Up, p. 384, Ex. 1–4; Key Vocabulary and Concept Review, p. 394, Ex. 1; Chapter Test, p. 397, Ex. 12, 14–15; Reteaching, p. 400, Set 7-2, Ex. 2, 4, 6, 8–9; More Practice, p. 403, Set 7-2, Ex. 1–6, 8, 10–11, 14–16, 18; Cumulative Review and Test Prep, p. 460, Ex. 5; Cumulative Review and Test Prep, p. 530, Ex. 2; Cumulative Review and Test Prep, p. 608, Ex. 2–3; Warm Up, p. 662, Ex. 1–2
<ul style="list-style-type: none"> Writing decimal numbers in expanded notation 	Lesson 2-1, pp. 76–77, Ex. 4–5, 10–11, 13–16	Lesson 2-2, p. 79, Ex. 25–28; Lesson 2-10, p. 109, Ex. 33–36; Lesson 2-13, p. 119, Ex. 18–21; Cumulative Review and Test Prep, p. 238, Ex. 6; Lesson 6-3, p. 309, Ex. 33; Lesson 9-3, p. 483, Ex. 34; Lesson 11-3, p. 631, Ex. 15
<ul style="list-style-type: none"> Using prime factorizations 	Lesson 3-2, pp. 146A–146B, 146–149, Ex. 6–10, 18–30 Chapter 3: Investigation, p. 140I	Lesson 3-3, p. 151, Ex. 24, 29; Lesson 3-4, p. 153, Ex. 27; Section A Review, p. 158, Ex. 8–10, 12; Diagnostic Checkpoint, p. 159, Ex. 9, 11–12, 14; Chapter Test, p. 190, Ex. 4; More Practice, p. 198, Set 3-2, Ex. 7–18; Lesson 5-6, p. 269, Ex. 42
<ul style="list-style-type: none"> Identifying prime and composite numbers 	Lesson 3-2, pp. 146A–146B, 146–149, Ex. 1–5, 12–17; Enrichment, p. 149, Ex. 1	Section A Review, p. 158, Ex. 7–12; Diagnostic Checkpoint, p. 159, Ex. 9–14; Chapter Test, p. 190, Ex. 3; Reteaching, p. 194, Set 3-2, Ex. 1–6; More Practice, p. 198, Set 3-2, Ex. 1–6; Lesson 10-5, p. 557, Ex. 29; Cumulative Review and Test Prep, p. 608, Ex. 6



Correlation to Alabama Course of Study

Grade 6 Mathematics Content Standards

Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
(Content Standard 1 continued) <ul style="list-style-type: none"> Using greatest common factor (GCF) to simplify fractions 	Lesson 3-3, pp. 150A–150B, 150–151; Ex. 1–24, 26; Lesson 3-7, pp. 164–167, Ex. 7–12, 26–43	Lesson 3-4, p. 153, Ex. 22, 28; Section A Review, p. 158, Ex. 13–18; Diagnostic Checkpoint, p. 159, Ex. 15–19, 26, 29; Lesson 3-7, p. 166, Ex. 45, 47, 50; Section B Review, p. 184, Ex. 6–8; Diagnostic Checkpoint, p. 185, Ex. 6, 8; Key Vocabulary and Concept Review, p. 188, Ex. 1; Chapter Test, p. 190, Ex. 5, 19–23; Cumulative Review and Test Prep, p. 192, Ex. 6; Reteaching, pp. 194, 196, Set 3-3, Ex. 1–14, Set 3-7, Ex. 4–12; More Practice, pp. 198–200, Set 3-3, Ex. 1–14, Set 3-7, Ex. 11–17; Warm Up, p. 204, Ex. 1–4; Warm Up, p. 220, Ex. 1–4; Warm Up, p. 252, Ex. 1–4; Lesson 5-2, p. 255, Ex. 37; Practice Game, p. 255; Lesson 6-5, p. 317, Ex. 17; Cumulative Review and Test Prep, p. 344, Ex. 5; Lesson 9-4, p. 487, Ex. 15–19; Cumulative Review and Test Prep, p. 530, Ex. 5
<ul style="list-style-type: none"> Formulating algorithms using basic operations on fractions and decimals 	Lesson 2-5, pp. 86A–86B, 86–89, Ex. 1–39, 43; Lesson 2-6, pp. 90A–90B, 90–93, Ex. 4–12, 16–28, 30, 38–43; Lesson 2-7, pp. 94A–94B, 94–97, Ex. 1–25, 29, 32–34; Lesson 2-9, pp. 100A–100B, 100–103, Ex. 1–22, 24, 32–35; Lesson 2-10, pp. 106A–106B, 106–109, Ex. 1–23, 32, 37–40; Lesson 4-1, pp. 204A–204B, 204–205, Ex. 1–16, 18–19; Lesson 4-2, pp. 206A–206B, 206–209, Ex. 1–17, 19–28; Lesson 4-5, pp. 218A–218B, 218–219, Ex. 1–21; Lesson 4-6, pp. 220A–220B, 220–223, Ex. 1–22, 24–28; Lesson 5-1, pp. 248A–248B, 248–251, Ex. 1–30; Lesson 5-2, pp. 252A–252B, 252–255, Ex. 1–33; Lesson 5-4, pp. 258A–258B, 258–259, Ex. 1–17; Lesson 5-6, pp. 266–269, Ex. 5–9, 14–35, 38; Lesson 5-7, pp. 270A–270B, 270–271, Ex. 1–18 Chapter 2: Investigation, pp. 74I–74J Chapter 4: Investigation, pp. 202I–202J Chapter 5: Investigation, pp. 246I–246J	Discovery Channel, p. 103, Ex. 2; Diagnostic Checkpoint, p. 105, Ex. 27–29; Chapter Test, p. 129, Ex. 27; Cumulative Review and Test Prep, p. 130, Ex. 4, 7; Diagnostic Checkpoint, p. 215, Ex. 19–20; Diagnostic Checkpoint, p. 231, Ex. 17–18; Chapter Test, p. 237, Ex. 23–24; Cumulative Review and Test Prep, p. 239, Ex. 25; Diagnostic Checkpoint, p. 261, Ex. 26; Diagnostic Checkpoint, p. 273, Ex. 27–28; Cumulative Review and Test Prep, p. 290, Ex. 11; Cumulative Review and Test Prep, p. 398, Ex. 8; Cumulative Review and Test Prep, p. 460, Ex. 6, 8; Cumulative Review and Test Prep, p. 686, Ex. 9; Cumulative Review and Test Prep, p. 734, Ex. 6
<ul style="list-style-type: none"> Applying the distributive property to compute with fractions and decimals 	Lesson 5-4, pp. 258B, 258–259, Ex. 4, 9, 13–14	Lesson 5-2, p. 254, Ex. 32–34; Section A Review, p. 260, Ex. 22–23; Diagnostic Checkpoint, p. 261, Ex. 19–20, 26; Lesson 5-6, p. 269, Ex. 41; More Practice, p. 296, Set 5-4, Ex. 11
<ul style="list-style-type: none"> Using least common multiple (LCM) to add and subtract fractions with unlike denominators 	Lesson 3-4, pp. 152A–152B, 152–153, Ex. 1–23; Lesson 3-7, pp. 164A–164B, 164–167, Ex. 1–6, 14–25, 45; Lesson 4-2, pp. 206A–206B, 206–209, Ex. 1–16, 19–22, 26–28; Lesson 4-5, pp. 218A–218B, 218–219, Ex. 1–6, 14–25, 45; Lesson 4-6, pp. 220A–220B, 220–223, Ex. 1–5, 7–22, 24–27 Chapter 4: Investigation, p. 202I	Section A Review, p. 158, Ex. 19–24; Diagnostic Checkpoint, p. 159, Ex. 2, 20–25, 29; Lesson 3-6, p. 163, Ex. 33; Lesson 3-8, p. 169, Ex. 31–36; Section B Review, p. 184, Ex. 3–5; Diagnostic Checkpoint, p. 185, Ex. 1; Key Vocabulary and Concept Review, p. 188, Ex. 1–2; Chapter Test, p. 190, Ex. 6, 9, 19–20; Cumulative Review and Test Prep, p. 192, Ex. 2–3, 6; Reteaching, pp. 195–196, Set 3-4, Ex. 1–10, Set 3-7, Ex. 1–3; More Practice, pp. 199–200, Set 3-4, Ex. 1–13, Set 3-7, Ex. 1–10; Diagnosing Readiness, p. 202, Ex. 5–13; Warm Up, p. 206, Ex. 1–6; Section A Review, p. 214, Ex. 9–16; Diagnostic Checkpoint, p. 215, Ex. 2, 4, 6–8, 10–14, 20–21; Lesson 4-6, p. 217, Ex. 27–28; Section B Review, p. 230, Ex. 7–8, 10–12; Diagnostic Checkpoint, p. 231, Ex. 1–2, 14; Key Vocabulary and Concept Review, p. 234, Ex. 1, 3; Chapter Test, pp. 237–238, Ex. 2, 6–7, 10, 17, 19–20, 23–24; Reteaching, pp. 240–242, Set 4-2, Ex. 1–10, Set 4-5, Ex. 1–8, Set 4-6, Ex. 1–8, Set 4-7, Ex. 1–8; More Practice, pp. 243–245, Set 4-2, Ex. 1–17, Set 4-5, Ex. 1–13, Set 4-6, Ex. 1–14; Lesson 5-4, p. 259, Ex. 24; Cumulative Review and Test Prep, p. 290, Ex. 3; Lesson 6-5, p. 317, Ex. 18; Cumulative Review and Test Prep, p. 344, Ex. 6; Cumulative Review and Test Prep, p. 460, Ex. 4; Cumulative Review and Test Prep, p. 686, Ex. 2



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Number and Operations (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
2. Solve problems involving decimals, percents, fractions, and proportions.	<p>Lesson 2-5, pp. 86A–86B, 86–89, Ex. 27–31; Lesson 2-6, pp. 90A–90B, 90–93, Ex. 30; Lesson 2-7, pp. 94A–94B, 94–97, Ex. 23–27; Lesson 2-8, pp. 98A–98B, 98–99, Ex. 11; Lesson 2-9, pp. 100A–100B, 100–103, Ex. 20–22, 24, 37; Lesson 2-14, pp. 120A–120B, 120–121, Ex. 1–2, 5; Lesson 3-12, pp. 180–181, Ex. 5–6; Lesson 3-13, pp. 182–183, Ex. 2, 7; Lesson 4-1, pp. 204A–204B, 204–205, Ex. 6, 18–19; Lesson 4-2, pp. 206A–206B, 206–209, Ex. 19–22; Lesson 4-5, pp. 218A–218B, 218–219, Ex. 17–18; Lesson 4-6, pp. 220A–220B, 220–223, Ex. 24–27; Lesson 4-8, pp. 226A–226B, 226–227, Ex. 1, 3–10; Lesson 4-9, pp. 228A–228B, 228–229, Ex. 2–6; Lesson 5-1, pp. 248A–248B, 248–251, Ex. 29, 32–33; Lesson 5-2, pp. 252A–252B, 252–255, Ex. 27–29; Lesson 5-4, pp. 258A–258B, 258–259, Ex. 15–17; Lesson 5-6, pp. 266A–266B, 266–269, Ex. 32–34; Lesson 5-7, pp. 270A–270B, 270–271, Ex. 15–16; Lesson 5-10, p. 279, Ex. 4–6; Lesson 5-11, pp. 280A–280B, 280–281, Ex. 1–4; Lesson 6-4, pp. 312–313, Ex. 1–9; Lesson 6-5, pp. 316A–316B, 316–317, Ex. 1–16; Lesson 6-6, pp. 318A–318B, 318–321, Ex. 1–25; Lesson 6-7, pp. 322A–322B, 322–323, Ex. 1–20; Lesson 6-8, pp. 324–325, Ex. 1, 4–5, 9–11; Lesson 6-11, pp. 334–335, Ex. 3–5, 7; Lesson 7-3, pp. 362A–362B, 362–363, Ex. 1–13; Lesson 7-4, pp. 366A–366B, 366–367, Ex. 1–24; Lesson 7-5, pp. 368A–368B, 368–369, Ex. 1–31; Lesson 7-6, pp. 370A–370B, 370–371, Ex. 1–32; Lesson 7-8, pp. 380A–380B, 380–383, Ex. 1–18, 20–23; Lesson 7-9, pp. 384A–384B, 384–385, Ex. 1–12, 14, 16; Lesson 7-10, pp. 386A–386B, 386–387, Ex. 1–13; Lesson 7-11, pp. 388A–388B, 388–389, Ex. 1, 3, 6; Lesson 8-14, p. 450, Ex. 2–3; Lesson 9-15, pp. 520–521, Ex. 1, 3–5; Lesson 11-17, p. 676, Ex. 3</p> <p>Chapter 2: Investigation, pp. 74I–74J</p> <p>Chapter 4: Investigation, pp. 202I–202J</p> <p>Chapter 5: Investigation, pp. 246I–246J</p> <p>Chapter 7: Investigation, pp. 352I–352J</p>	<p>Lesson 2-4, p. 83, Ex. 19–21; Lesson 2-14, pp. 120–121, Ex. 1–2, 5; Chapter Test, p. 128, Ex. 11; Cumulative Review and Test Prep, p. 130, Ex. 3; More Practice, pp. 137–138, Set 2-5, Ex. 17, Set 2-6, Ex. 17, Set 2-7, Ex. 13, Set 2-9, Ex. 21–22; Diagnosing Readiness, p. 141, Ex. 24–25; Lesson 3-5, p. 157, Ex. 3, 5; Diagnostic Checkpoint, p. 185, Ex. 20; Chapter Test, p. 191, Ex. 27; Reteaching, p. 195, Set 3-5, Ex. 1; More Practice, p. 201, Set 3-12, Ex. 2–3; Diagnosing Readiness, p. 203, Ex. 31–32; Diagnostic Checkpoint, p. 216, Ex. 1–2, 18; Discover Math in Your World, p. 223, Ex. 1–2; Lesson 4-7, p. 225, Ex. 22–23; Lesson 4-9, pp. 228–229, Ex. 3, 7; Section B Review, p. 230, Ex. 17; Diagnostic Checkpoint, p. 231, Ex. 2, 15; Key Vocabulary and Concept Review, p. 235, Ex. 4; Chapter Test, p. 237, Ex. 12–14; Cumulative Review and Test Prep, pp. 238–239, Ex. 3, 23; Reteaching, p. 242, Set 4-8, Ex. 1–3; More Practice, pp. 243–245, Set 4-1, Ex. 17, Set 4-2, Ex. 17, Set 4-5, Ex. 13, Set 4-6, Ex. 13–14, Set 4-8, Ex. 1–6; Diagnostic Checkpoint, p. 261, Ex. 23–24; Discover Math in Your World, p. 269, Ex. 1–2; Diagnostic Checkpoint, p. 273, Ex. 25–26; Lesson 5-11, pp. 280–281, Ex. 1–4; Section C Review, p. 282, Ex. 17; Diagnostic Checkpoint, p. 283, Ex. 21; Chapter Test, pp. 288–289, Ex. 2, 5, 8, 11–12, 27; Cumulative Review and Test Prep, p. 290, Ex. 24; Reteaching, p. 294, Set 5-10, Ex. 1; More Practice, pp. 295–297, Set 5-1, Ex. 13, Set 5-2, Ex. 16, Set 5-4, Ex. 17, Set 5-6, Ex. 21, Set 5-7, Ex. 7, Set 5-10, Ex. 1; Diagnosing Readiness, pp. 298–299, Ex. 15, 24; Section A Review, p. 314, Ex. 13; Diagnostic Checkpoint, p. 315, Ex. 20; Enrichment, p. 321, Ex. 1–2; Talk About It, p. 328, Ex. 1, 3; Lesson 6-9, p. 329, Ex. 10; Warm Up, p. 330, Ex. 1–4; Talk About It, p. 331, Ex. 1; Learning with Technology, p. 333, Ex. 1–2; Section A Review, p. 314, Ex. 13; Diagnostic Checkpoint, p. 315, Ex. 20; Section B Review, p. 326, Ex. 1–15; Diagnostic Checkpoint, p. 327, Ex. 1–29; Key Vocabulary and Concept Review, p. 340, Ex. 5–6; Chapter Test, pp. 342–343, Ex. 5–7, 21–24, 29–30; Reteaching, pp. 347–348, Set 6-4, Ex. 1, Set 6-5, Ex. 1–4, Set 6-6, Ex. 1–4, Set 6-7, Ex. 1–4, Set 6-8, Ex. 2; More Practice, pp. 350–351, Set 6-4, Ex. 1–2, Set 6-5, Ex. 1–7, Set 6-6, Ex. 1–8, Set 6-7, Ex. 1–8, Set 6-8, Ex. 1–4; Cumulative Review and Test Prep, pp. 344–345, Ex. 7–8, 16–17, 23; Diagnosing Readiness, p. 353, Ex. 22–23, 32–33; Warm Up, p. 354, Ex. 1–4; Lesson 7-1, p. 357, Ex. 20; Lesson 7-2, p. 360, Ex. 37–41, 46; Section A Review, p. 364, Ex. 10–11; Diagnostic Checkpoint, p. 365, Ex. 17, 21; Reading For Math Success, p. 373, Ex. 3–5; Lesson 7-7, p. 377, Ex. 14–16; Section B Review, p. 378, Ex. 1–23; Diagnostic Checkpoint, p. 379, Ex. 1–29; Warm Up, p. 380, Ex. 1–4; Discovery Channel, p. 383, Ex. 1–2; Lesson 7-11, pp. 388–389, Ex. 1, 5; Section C Review, p. 390, Ex. 1–13; Diagnostic Checkpoint, p. 391, Ex. 1–13, 15; Key Vocabulary and Concept Review, pp. 394–395, Ex. 2–4; Chapter Test, pp. 396–397, Ex. 1–4, 6–11, 16–23, 26–30; Cumulative Review and Test Prep, pp. 398–399, Ex. 2–3, 5–7, 10, 13, 26, 29; Reteaching, pp. 401–402, Set 7-3, Ex. 1–2, Set 7-4, Ex. 1–6, Set 7-5, Ex. 1–6, Set 7-6, Ex. 1–6, Set 7-7, Ex. 1, Set 7-8, Ex. 1–8, Set 7-9, Ex. 1–3, Set 7-10, Ex. 1–3; More Practice, pp. 404–405, Set 7-3, Ex. 1–3, Set 7-4, Ex. 1–13, Set 7-5, Ex. 1–9, Set 7-6, Ex. 1–16, Set 7-7, Ex. 1, Set 7-8, Ex. 1–8, Set 7-9, Ex. 1–3, Set 7-10, Ex. 1–4; Lesson 8-1, p. 409, Ex. 19–20; Lesson 8-2, p. 411, Ex. 29; Lesson 8-5, p. 421, Ex. 34; Lesson 8-10, p. 437, Ex. 8–9; Lesson 8-11, p. 443, Ex. 37; Section B Review, p. 438, Ex. 25; Key Vocabulary and Concept Review, p. 457, Ex. 4; Cumulative Review and Test</p>



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Content Standard	Instruction and Practice	Additional Practice and Assessment
(Content Standard 2 continued)		Prep, p. 460, Ex. 5–7; More Practice, pp. 467–468, Set 8-4, Ex. 2, Set 8-10, Ex. 1–3; Cumulative Review and Test Prep, p. 461, Ex. 22, 24–25; Diagnosing Readiness, p. 471, Ex. 31; Talk About It, p. 507, Ex. 1; Lesson 9-10, p. 508, Ex. 7–10, 12; Cumulative Review and Test Prep, pp. 530–531, Ex. 8, 20; Lesson 10-2, p. 548, Ex. 32; Lesson 10-8, p. 569, Ex. 14; Lesson 10-9, p. 571, Ex. 24; Lesson 10-10, p. 575, Ex. 34; Lesson 10-12, p. 581, Ex. 19; Lesson 10-14, p. 589, Ex. 20; Lesson 10-16, pp. 596–597, Ex. 13, 15, 21; Cumulative Review and Test Prep, p. 608, Ex. 1; Diagnosing Readiness, p. 619, Ex. 11–21; Talk About it, p. 621, Ex. 2; Warm Up, p. 642, Ex. 1–4; Lesson 11-7, pp. 643–645, Ex. 4, 8, 15, 17; Lesson 11-8, p. 649, Ex. 3; Warm Up, p. 664, Ex. 3–4; Cumulative Review and Test Prep, pp. 686–687, Ex. 1, 10, 25, 31; Lesson 12-3, p. 707, Ex. 1, 5; Section A Review, p. 708, Ex. 117–118; More Practice, p. 739, Set 12-3, Ex. 2; Cumulative Review and Test Prep, p. 734, Ex. 4; Cumulative Review and Test Prep, p. 735, Ex. 16
<ul style="list-style-type: none"> Estimating with fractions and decimals 	Lesson 1-17, p. 55, Ex. 6; Lesson 2-4, pp. 82A–82B, 82–83, Ex. 1–24; Lesson 3-9, pp. 170A–170B, 170–171, Ex. 4, 9–13; Lesson 3-13, pp. 182A–182B, 182–183, Ex. 2–3, 5; Lesson 4-4, pp. 216A–216B, 216–217, Ex. 6–11, 17–24; Lesson 5-3, pp. 256A–256B, 256–257, Ex. 1–17; Lesson 11-17, p. 676, Ex. 3–4	Section A Review, p. 84, Ex. 17–24; Diagnostic Checkpoint, p. 85, Ex. 18–25, 27; Chapter Test, pp. 128–129, Ex. 7, 9–10, 19–22; Cumulative Review and Test Prep, p. 130, Ex. 2, 11; Reteaching, p. 132, Set 2-4, Ex. 1–6; More Practice, p. 137, Set 2-4, Ex. 1–13; Talk About It, p. 177, Ex. 4; Lesson 3-11, p. 178, Ex. 24, 28; Lesson 3-13, pp. 182–183, Ex. 2–3, 5–6; Section B Review, p. 184, Ex. 12; Chapter Test, p. 190, Ex. 11; Reteaching, p. 196, Set 3-9, Ex. 1; More Practice, p. 200, Set 3-9, Ex. 1–4; Lesson 4-2, p. 208, Ex. 18; Warm Up, p. 216, Ex. 1–4; Lesson 4-5, p. 219, Ex. 21–25; Lesson 4-6, p. 223, Ex. 31–33; Lesson 4-7, p. 225, Ex. 25–28; Section B Review, p. 230, Ex. 1–4; Diagnostic Checkpoint, p. 231, Ex. 3–6, 16; Chapter Test, pp. 237–238, Ex. 3–4, 15–16; Reteaching, p. 241, Set 4-4, Ex. 1–10; More Practice, p. 244, Set 4-4, Ex. 1–13; Lesson 5-4, p. 259, Ex. 18–23; Section A Review, p. 260, Ex. 13–20; Diagnostic Checkpoint, p. 261, Ex. 13–16, 25; Talk About It, p. 270, Ex. 1; Lesson 5-11, p. 280, Ex. 3; Chapter Test, pp. 288–289, Ex. 3, 17–18; Cumulative Review and Test Prep, p. 290, Ex. 2, 12; Reteaching, p. 292, Set 5-3, Ex. 1–10; More Practice, p. 295, Set 5-3, Ex. 1–13; Talk About It, p. 322, Ex. 1; Lesson 11-7, p. 643, Ex. 3

Algebra

Content Standard	Instruction and Practice	Additional Practice and Assessment
3. Solve problems using numeric and geometric patterns.	Lesson 4-3, pp. 212B–212B, 212–213, Ex. 1–4, 6–14; Lesson 7-7, pp. 374B–374B, 374–377, Ex. 1–10, 12	Enrichment, p. 51, Ex. 1–3; Enrichment, p. 97, Ex. 1–3; Learning with Technology, p. 109, Ex. 4; Learning with Technology, p. 163, Ex. 1–2; Reading For Math Success, pp. 210–211, Ex. 1–13; Section A Review, p. 214, Ex. 17–18; Diagnostic Checkpoint, p. 215, Ex. 15–17; Lesson 4-4, p. 217, Ex. 30; Lesson 4-6, p. 223, Ex. 29–30; Chapter Test, pp. 236–237, Ex. 11, 22; Cumulative Review and Test Prep, p. 239, Ex. 22; Reteaching, p. 240, Set 4-3, Ex. 1–2; More Practice, p. 243, Set 4-3, Ex. 1–5; Reading For Math Success, pp. 372–373, Ex. 1–2, 8–9; Section B Review, p. 378, Ex. 24; Lesson 7-8, p. 383, Ex. 24; Cumulative Review and Test Prep, p. 399, Ex. 24–25; Reteaching, p. 401, Set 7-7, Ex. 2; More Practice, p. 405, Set 7-7, Ex. 2–3; Talk About It, p. 491, Ex. 1–2; Lesson 9-5, p. 491, Ex. 1; Lesson 9-12, p. 513, Ex. 4; Reteaching, p. 535, Set 9-12, Ex. 3; More Practice, p. 539, Set 9-12, Ex. 2; Enrichment, p. 589, Ex. 2



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Content Standard	Instruction and Practice	Additional Practice and Assessment
(Content Standard 3 continued) <ul style="list-style-type: none"> Determining a verbal rule for a function given the input and output 		Cumulative Review and Test Prep, p. 131, Ex. 24; Cumulative Review and Test Prep, p. 193, Ex. 22; Cumulative Review and Test Prep, p. 291, Ex. 30–32
Geometry		
Content Standard	Instruction and Practice	Additional Practice and Assessment
4. Identify two-dimensional and three-dimensional figures based on attributes, properties, and component parts.	Lesson 9-6, pp. 494A–494B, 494–495, Ex. 1–5, 7–11, 14, 17–22; Lesson 9-15, p. 521, Ex. 6–7; Lesson 10-14, pp. 586A–586B, 586–589, Ex. 1–15, 17	Cumulative Review and Test Prep, p. 290, Ex. 15, 17–18; Cumulative Review and Test Prep, p. 460, Ex. 10; Section B Review, p. 504, Ex. 1–4; Diagnostic Checkpoint, p. 505, Ex. 1, 3–12; Chapter Test, pp. 528–529, Ex. 6, 20–23; Reteaching, p. 533, Set 9-6, Ex. 1–4; More Practice, p. 537, Set 9-6, Ex. 1–5; Diagnosing Readiness, p. 541, Ex. 18–21, 24–27; Warm Up, p. 586, Ex. 1–2; Talk About It, p. 591, Ex. 2; Lesson 10-15, p. 593, Ex. 18; Learning with Technology, p. 593, Ex. 1; Section C Review, p. 600, Ex. 1–4; Diagnostic Checkpoint, p. 601, Ex. 2–5, 12, 15; Chapter Test, pp. 606–607, Ex. 3, 9; Reteaching, p. 613, Set 10-14, Ex. 1–2; More Practice, p. 617, Set 10-14, Ex. 1–4; Cumulative Review and Test Prep, p. 734, Ex. 12
<ul style="list-style-type: none"> Classifying quadrilaterals based on their attributes 	Lesson 9-8, pp. 500A–500B, 500–501, Ex. 1–4, 10–13	Cumulative Review and Test Prep, p. 192, Ex. 9; Cumulative Review and Test Prep, p. 238, Ex. 11; Lesson 9-9, p. 503, Ex. 18; Section B Review, p. 504, Ex. 7–9; Diagnostic Checkpoint, p. 505, Ex. 6–8, 10; Chapter Test, p. 528, Ex. 7; Reteaching, p. 533, Set 9-8, Ex. 1–2; More Practice, p. 538, Set 9-8, Ex. 1–4; Diagnosing Readiness, p. 541, Ex. 26; Lesson 11-6, p. 641, Ex. 14; Lesson 12-5, p. 715, Ex. 31
<ul style="list-style-type: none"> Identifying line and rotational symmetries of polygons 	Lesson 9-13, pp. 514A–514B, 514–515, Ex. 1–15	Lesson 9-14, p. 519, Ex. 21; Section C Review, p. 522, Ex. 5–6; Diagnostic Checkpoint, p. 523, Ex. 7–9, 11; Key Vocabulary and Concept Review, p. 527, Ex. 3; Chapter Test, p. 529, Ex. 26–27; More Practice, p. 539, Set 9-13, Ex. 2; Cumulative Review and Test Prep, p. 686, Ex. 13
<ul style="list-style-type: none"> Classifying triangles as right, obtuse, or acute 	Lesson 9-7, pp. 496A–496B, 496–499, Ex. 1–13, 15–18	Cumulative Review and Test Prep, p. 344, Ex. 14; Section B Review, p. 504, Ex. 5–6; Diagnostic Checkpoint, p. 505, Ex. 13–15; More Practice, p. 537, Set 9-7, Ex. 1–5; Diagnosing Readiness, p. 541, Ex. 19; Lesson 10-1, p. 545, Ex. 48; Lesson 10-3, p. 551, Ex. 22
5. Plot coordinates on grids, graphs, and maps.	Lesson 8-11, pp. 440A–440B, 440–443, Ex. 4–9, 17–27, 30–32, 36	Section C Review, p. 452, Ex. 4–6; Diagnostic Checkpoint, p. 453, Ex. 7–14; Chapter Test, pp. 458–459, Ex. 11, 33–34; Reteaching, p. 465, Set 8-11, Ex. 7; More Practice, p. 469, Set 8-11, Ex. 13; Diagnosing Readiness, p. 471, Ex. 15–20; Warm Up, p. 510, Ex. 1–6; Lesson 10-4, p. 553, Ex. 18–19; Warm Up, p. 638, Ex. 1–4; Practice Game, p. 715; Warm Up, p. 718, Ex. 1–4
<ul style="list-style-type: none"> Identifying the coordinates of a point on the Cartesian plane 	Lesson 8-11, pp. 440A–440B, 440–443, Ex. 1–3, 11–16, 29, 33	Lesson 8-12, p. 447, Ex. 27; Section C Review, p. 452, Ex. 1–3; Diagnostic Checkpoint, p. 453, Ex. 3–16; Reteaching, p. 465, Set 8-11, Ex. 1–6; More Practice, p. 469, Set 8-11, Ex. 1–12; Diagnosing Readiness, p. 697, Ex. 15–20
<ul style="list-style-type: none"> Comparing parallel and perpendicular lines 	Lesson 9-1, pp. 472A–472B, 472–475, Ex. 5, 7, 11–12, 15–16	Discovery Channel, p. 479, Ex. 2; Diagnostic Checkpoint, p. 493, Ex. 5–6; Cumulative Review and Test Prep, p. 530, Ex. 9; Reteaching, p. 532, Set 9-1, Ex. 2–3; More Practice, p. 536, Set 9-1, Ex. 3–5, 7



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Measurement

Content Standard	Instruction and Practice	Additional Practice and Assessment
<p>6. Classify angles as acute, obtuse, right, or straight.</p>	Lesson 9-2, pp. 476A–476B, 476–479, Ex. 1–4, 10–13	Cumulative Review and Test Prep, p. 64, Ex. 9; Cumulative Review and Test Prep, p. 238, Ex. 8; Cumulative Review and Test Prep, p. 460, Ex. 13; Discovery Channel, p. 479, Ex. 1–2; Section A Review, p. 492, Ex. 3–5; Diagnostic Checkpoint, p. 493, Ex. 7–11; Lesson 9-7, p. 499, Ex. 21; Key Vocabulary and Concept Review, p. 526, Ex. 2; Chapter Test, pp. 528–529, Ex. 2, 14–16; Reteaching, p. 532, Set 9-2, Ex. 1–2; More Practice, p. 536, Set 9-2, Ex. 1–4
<ul style="list-style-type: none"> Estimating angle measures using 45 degrees, 90 degrees, 180 degrees, 270 degrees, or 360 degrees as referents 	Lesson 9-2, p. 478, Ex. 19–23	Lesson 9-3, p. 483, Ex. 35
<ul style="list-style-type: none"> Measuring angles 	Lesson 9-2, pp. 476A–476B, 476–479, Ex. 1–4, 10–13, 19–24	Warm Up, p. 480, Ex. 1–2; Enrichment, p. 483, Ex. 1–5; Section A Review, p. 492, Ex. 3–5; Diagnostic Checkpoint, p. 493, Ex. 7–11; Lesson 9-7, p. 499, Ex. 19; Reteaching, p. 532, Set 9-2, Ex. 1–2; More Practice, p. 536, Set 9-2, Ex. 1–4
<p>7. Solve problems involving perimeter and area of parallelograms and rectangles.</p> <ul style="list-style-type: none"> Estimating perimeter and area Developing formulas to determine perimeter and area of parallelograms and rectangles 	Lesson 10-7, pp. 564A–564B, 564–567, Ex. 1–2, 4–5, 12, 14, 16; Lesson 10-8, pp. 568A–568B, 568–569, Ex. 1–10, 12; Lesson 10-9, pp. 570A–570B, 570–571, Ex. 1–23; Lesson 10-10, pp. 572A–572B, 572–575, Ex. 1, 3, 6, 8, 13–14, 17, 19–20, 24, 26, 30–33 Chapter 10: Investigation, pp. 540I	Lesson 1-13, p. 42, Ex. 32; Cumulative Review and Test Prep, p. 64, Ex. 10; Chapter Test, p. 128, Ex. 11; Cumulative Review and Test Prep, p. 130, Ex. 11; Cumulative Review and Test Prep, p. 192, Ex. 11; Cumulative Review and Test Prep, p. 238, Ex. 12; Cumulative Review and Test Prep, p. 290, Ex. 13, 16, 19–20; Diagnosing Readiness, p. 299, Ex. 34; Cumulative Review and Test Prep, p. 398, Ex. 16; Section A Review, p. 562, Ex. 1–4; Diagnostic Checkpoint, p. 563, Ex. 3–10, 18; Warm Up, p. 570, Ex. 1–3; Warm Up, p. 572, Ex. 1–2; Lesson 10-11, p. 579, Ex. 22; Section B Review, p. 584, Ex. 1–5; Diagnostic Checkpoint, p. 585, Ex. 1, 3–7, 9, 16–17; Key Vocabulary and Concept Review, p. 604, Ex. 2; Chapter Test, pp. 606–607, Ex. 5, 12–13; Cumulative Review and Test Prep, p. 608, Ex. 9; Reteaching, pp. 611–612, Set 10-7, Ex. 3, Set 10-8, Ex. 1–3, Set 10-9, Ex. 1–3, Set 10-10, Ex. 1; More Practice, pp. 615–616, Set 10-7, Ex. 2, 4–5, Set 10-8, Ex. 1–6, Set 10-9, Ex. 1–10, Set 10-10, Ex. 1, 3; Diagnosing Readiness, p. 697, Ex. 29; Lesson 12-3, p. 707, Ex. 8; Lesson 12-5, p. 714, Ex. 20–22; Lesson 12-7, p. 721, Ex. 27; Cumulative Review and Test Prep, p. 734, Ex. 7
<p>8. Determine the distance between two points on a scale drawing or a map using proportional reasoning.</p>	Lesson 6-10, pp. 330A–330B, 330–333, Ex. 1–3, 5–11	Learning with Technology, p. 333, Ex. 1–2; Section C Review, p. 336, Ex. 3–5; Diagnostic Checkpoint, p. 337, Ex. 2, 5–6; Chapter Test, pp. 342–343, Ex. 11, 27; Cumulative Review and Test Prep, p. 345, Ex. 30; Reteaching, p. 348, Set 6-10, Ex. 1–2; More Practice, p. 351, Set 6-10, Ex. 1–5; Lesson 7-1, p. 357, Ex. 21; Cumulative Review and Test Prep, p. 460, Ex. 9; Cumulative Review and Test Prep, p. 687, Ex. 33; Cumulative Review and Test Prep, p. 734, Ex. 11
<ul style="list-style-type: none"> Using different forms of notation to symbolize ratios and rates 	Lesson 6-1, pp. 300A–300B, 300–301, Ex. 1–3, 5–7, 9–13; Lesson 6-2, pp. 302A–302B, 302–305, Ex. 1–39, 41; Lesson 6-3, pp. 306A–306B, 306–309, Ex. 1–2, 6–13, 19–22, 26–27, 29–32; Lesson 6-9, pp. 328A–328B, 328–329, Ex. 2–6 Chapter 6: Investigation, pp. 298I–298J	Enrichment, p. 305, Ex. 2; Warm Up, p. 306, Ex. 1–3; Discovery Channel, p. 309, Ex. 1–2; Section A Review, p. 314, Ex. 1–12; Diagnostic Checkpoint, p. 315, Ex. 1, 3–19, 21; Lesson 6-10, p. 333, Ex. 15; Learning with Technology, p. 333, Ex. 1; Section C Review, p. 336, Ex. 1; Diagnostic Checkpoint, p. 337, Ex. 1, 3–4; Key Vocabulary and Concept Review, p. 340, Ex. 1–3; Chapter Test, pp. 342–343, Ex. 1–4, 9, 12–20, 29; Cumulative Review and Test Prep, p. 344, Ex. 2, 11; Reteaching, pp. 346–348, Set 6-1, Ex. 1–4, Set 6-2, Ex. 1–12, Set 6-3, Ex. 1–6, Set 6-9, Ex. 1–2; More Practice, pp. 349–351, Set 6-1, Ex. 1–7, Set 6-2, Ex. 1–18, Set 6-3, Ex. 1–4, Set 6-9, Ex. 1–6; Talk About It, p. 354, Ex. 1; Lesson 7-6, p. 371, Ex. 33; Lesson 10-11, p. 579, Ex. 24; Cumulative Review and Test Prep, p. 686, Ex. 6; Lesson 12-2, p. 703, Ex. 32



Correlation to Alabama Course of Study

Grade 6 Mathematics Content Standards

Measurement (continued)

Content Standard	Instruction and Practice	Additional Practice and Assessment
9. Convert units of length, weight, or capacity within the same system (customary or metric).	Lesson 10-1, pp. 542A–542B, 542–545, Ex. 1–36; Lesson 10-2, pp. 546A–546B, 546–549, Ex. 4–12, 16–43	Cumulative Review and Test Prep, p. 64, Ex. 10; Cumulative Review and Test Prep, p. 130, Ex. 10; Diagnosing Readiness, p. 203, Ex. 22; Cumulative Review and Test Prep, p. 238, Ex. 10; Cumulative Review and Test Prep, p. 290, Ex. 14; Discovery Channel, p. 309, Ex. 12; Cumulative Review and Test Prep, p. 344, Ex. 12; Cumulative Review and Test Prep, p. 398, Ex. 12; Lesson 10-3, p. 551, Ex. 14–21; Warm Up, p. 552, Ex. 1–4; Lesson 10-8, p. 569, Ex. 8; Lesson 10-14, p. 589, Ex. 16; Key Vocabulary and Concept Review, p. 604, Ex. 1; Chapter Test, p. 606, Ex. 2, 15–28; Reteaching, p. 610, Set 10-1, Ex. 1–5, Set 10-2, Ex. 1–5, More Practice, p. 614, Set 10-1, Ex. 1–13, Set 10-2, Ex. 5–17, Lesson 11-10, p. 657, Ex. 19; Lesson 11-11, p. 661, Ex. 16–18; Cumulative Review and Test Prep, p. 686, Ex. 11; Lesson 12-3, p. 707, Ex. 2

Data Analysis and Probability

Content Standard	Instruction and Practice	Additional Practice and Assessment
10. Interpret information from bar graphs, line graphs, and circle graphs.	Lesson 11-5, pp. 636A–636B, 636–637, Ex. 1–2, 4–6, 8; Lesson 11-6, pp. 638A–638B, 638–641, Ex. 2–3, 5–9, 11; Lesson 11-7, pp. 642A–642B, 642–644, Ex. 1–2, 4–8, 10–11; Lesson 11-9, pp. 650A–650B, 650–651, Ex. 1–4	Lesson 1-16, p. 53, Ex. 7–8; Cumulative Review and Test Prep, p. 65, Ex. 16–17; Lesson 2-6, p. 92, Ex. 29; Lesson 2-13, p. 119, Ex. 12; Cumulative Review and Test Prep, p. 131, Ex. 15; Cumulative Review and Test Prep, p. 239, Ex. 16–17; Cumulative Review and Test Prep, p. 291, Ex. 24–26; Lesson 6-2, p. 305, Ex. 40; Cumulative Review and Test Prep, p. 345, Ex. 21; Lesson 7-1, p. 356, Ex. 14–17; Cumulative Review and Test Prep, p. 399, Ex. 20–21; Cumulative Review and Test Prep, p. 461, Ex. 14, 18; Cumulative Review and Test Prep, p. 531, Ex. 15–16; Discovery Channel, p. 645, Ex. 1–2; Reading For Math Success, pp. 646–647, Ex. 1–12; Section B Review, p. 652, Ex. 1, 3–4; Diagnostic Checkpoint, p. 653, Ex. 2, 6–7, 9; Key Vocabulary and Concept Review, p. 682, Ex. 2; Chapter Test, pp. 684–685, Ex. 7–10; Reteaching, pp. 689–690, Set 11-5, Ex. 1–2, Set 11-7, Ex. 1–2, Set 11-9, Ex. 1; More Practice, pp. 693–695, Set 11-5, Ex. 1, Set 11-7, Ex. 1–3, Set 11-9, Ex. 1–2; Reteaching, p. 689, Set 11-5, Ex. 1–2, Set 11-7, Ex. 1; More Practice, p. 693, Set 11-5, Ex. 1, Set 11-7, Ex. 1–3; Discovery Channel, p. 721, Ex. 1–2; Cumulative Review and Test Prep, p. 735, Ex. 15–16
11. Find the probability of a simple event. • Expressing probabilities as ratios, percents, and decimals	Lesson 11-12, pp. 662A–662B, 662–663, Ex. 1–3, 5–7, 9–13; Lesson 11-13, pp. 664A–664B, 664–667, Ex. 2, 6–7, 11–13, 18	Cumulative Review and Test Prep, p. 131, Ex. 16–17; Cumulative Review and Test Prep, p. 239, Ex. 18; Cumulative Review and Test Prep, p. 291, Ex. 22; Cumulative Review and Test Prep, p. 345, Ex. 19; Cumulative Review and Test Prep, p. 399, Ex. 18–19; Cumulative Review and Test Prep, p. 461, Ex. 15; Cumulative Review and Test Prep, p. 531, Ex. 14; Cumulative Review and Test Prep, p. 609, Ex. 16; Section C Review, p. 678, Ex. 2; Diagnostic Checkpoint, p. 679, Ex. 2, 7–9; Chapter Test, p. 685, Ex. 17–18; Reteaching, pp. 690–691, Set 11-12, Ex. 1–4, Set 11-13, Ex. 1; More Practice, pp. 694–695, Set 11-12, Ex. 1–3; Cumulative Review and Test Prep, p. 735, Ex. 13