

EVERY DAY COUNTS
ALGEBRA READINESS KIT © 2006

correlated to

Mississippi
Mathematics Benchmarks
Grades 6-8



TO CONTACT YOUR MISSISSIPPI GREAT SOURCE REPRESENTATIVE, CALL:

800-289-4490, option 4

www.greatsource.com



Every Day Counts[®] Algebra Readiness Kit © 2006
correlated to
Mississippi Mathematics Benchmarks
Grade 6

| Mississippi Mathematics Benchmarks Grade 6 | Great Source <i>Every Day Counts Algebra Readiness Kit</i> |
|--|--|
| Uses properties to create and simplify algebraic expressions and solves linear equations and inequalities | |
| 1) Solves equations in one variable using addition and subtraction | TG: 34, 63-64, 79-80 |
| 2) Models simple addition and subtraction problems using integers on a number line | TG: 131-135, 154-158 |
| 3) Recognizes and continues a number pattern and/or geometric representation (e.g., triangular numbers) | TG: 24-26, 30-33, 43-44, 60-62, 94-96, 114-116, 137-139, 163 |
| 4) States a rule to explain a number pattern | TG: 30, 43, 60-61, 75-77, 94-96, 115-116, 162-163 |
| 5) Uses whole numbers to complete a function table based on a given rule | TG: 95-96 |
| 6) Creates and solves proportional equations using one variable | TG: 177-180 |
| Interprets, organizes, and makes predictions using appropriate probability and statistics techniques | |
| 7) Reads and constructs line, bar, and pictographs | TG: 96-98, 117, 122-124, 182-185 |
| 8) Reads and interprets circle graphs using percents | TG: 144-145 |
| 9) Constructs and explains a frequency table | This objective falls outside the scope of Great Source <i>Every Day Counts Algebra Readiness Kit</i> . |
| 10) Uses probability to predict the outcome of a single event and expresses the result as a fraction or decimal | TG: 161, 176 |

| Mississippi Mathematics Benchmarks Grade 6 | Great Source <i>Every Day Counts Algebra Readiness Kit</i> |
|---|--|
| 11) Estimates and compares data to include mean, median, and mode | TG: 82-83, 101-103 |
| 12) Solves problems involving combinations | The opportunity to address this objective is available. See the following: TG: 159-161, 175-177 |
| Writes and solves problems involving standard units of measurement | |
| 13) Measures length to the nearest one-sixteenth inch | The opportunity to address this objective is available. See the following: TG: 125 |
| 14) Identifies appropriate units for measuring length, weight, volume, and temperature in the standard (English and metric) systems | TG: 110-113, 125, 142-145, 146-147, 165-166, 167-169, 183, 186-187 |
| 15) Uses appropriate mathematical tools for determining length, weight, volume, and temperature in the standard (English and metric) systems | TG: 110-113, 125, 146, 166-169 |
| 16) Uses estimation to solve problems in the standard (English and metric) systems | TG: 110, 147 |
| 17) Converts units within a measurement system | TG: 125, 166-169 |
| Determines the relationships and properties of two and three-dimensional geometric figures and the application of properties and formulas of coordinate geometry | |
| 18) Locates points in all four quadrants of the coordinate plane | TG: 35, 46, 63-64, 79, 97-98, 117-118, 123, 164-166, 182-184 |
| 19) Draws points, lines (parallel, perpendicular, intersecting), line segments, and rays | TG: 50, 58, 70 |
| 20) Identifies, classifies, and measures right, acute, obtuse, and straight angles | TG: 51, 57-59, 68-70, 74, 129-130 |
| 21) Creates tessellations with polygons | TG: 106-108 |
| 22) Explores the relationships of three-dimensional figures, including vertices, faces, and edges using manipulative materials | TG: 150-154, 172-174, 186-189 |

| Mississippi Mathematics Benchmarks Grade 6 | Great Source <i>Every Day Counts Algebra Readiness Kit</i> |
|--|--|
| 23) Describes, compares, constructs, classifies, and identifies flips, slides, and, turns (reflections, translations, and rotations) | TG: 57-59, 74, 106-108 |
| 24) Calculates the area of parallelograms (squares and rectangles) without using calculators | TG: 31-32, 44, 60-62, 95-96, 137-139 |
| 25) Finds the circumference of a circle with and without the use of manipulative materials | TG: 110-114 |
| 26) Determines the area of a circle with and without the use of a calculator | TG: 135-136 |
| 27) Finds the volume of cubes and rectangular prisms with and without the use of calculators | TG: 119-120, 174, 186-189 |
| Uses basic concepts of number sense and performs operations involving exponents, scientific notation, and order of operations | |
| 28) Reads, writes, and rounds twelve-digit whole numbers | TG: 140-141 |
| 29) Compares and orders whole numbers using $<$, $>$, and $=$ | The opportunity to address this objective is available. See the following: TG: 133-134, 154-158 |
| 30) Writes twelve-digit whole numbers using expanded notation | This objective falls outside the scope of Great Source <i>Every Day Counts Algebra Readiness Kit</i> . |
| 31) Reads, writes, and rounds decimal numbers to the nearest ten-thousandth | TG: 72-73, 178-180 |
| 32) Compares and orders decimal numbers using $<$, $>$, and $=$ | The opportunity to address this objective is available. See the following: TG: 28-30, 91-92 |
| 33) Writes decimal numbers through the nearest ten-thousandth using expanded notation | TG: 180 |
| 34) Uses estimation to determine accuracy of solutions | TG: 36, 37, 100-101, 112-113, 121 |
| 35) Multiplies a three-digit decimal number by a two-digit decimal number | This objective falls outside the scope of Great Source <i>Every Day Counts Algebra Readiness Kit</i> . |

| Mississippi Mathematics Benchmarks Grade 6 | Great Source <i>Every Day Counts Algebra Readiness Kit</i> |
|---|--|
| 36) Divides a five-digit decimal number by a two-digit decimal number | This objective falls outside the scope of Great Source <i>Every Day Counts Algebra Readiness Kit</i> . |
| 37) Rounds decimal quotients to the nearest whole number, tenths, and hundredth | TG: 100 |
| 38) Estimates and solves one and two-step problems involving addition, subtraction, multiplication and division of decimals, with and without calculators | TG: 100-101 |
| 39) Uses the rules of divisibility to determine factors and multiples of a given number | TG: 88-91 |
| 40) Explores the relationships among integers | TG: 63-64, 117-120, 131-135, 137-139, 154-158, 164-166 |
| 41) Models and writes the prime factorization of a number using exponential notation | TG: 54, 71 |
| 42) Distinguishes between prime and composite numbers with and without the use of calculators | TG: 24-25, 26-28, 40, 41, 53 |
| 43) Uses the greatest common factor (GCF) to simplify fractions | The opportunity to address this objective is available. See the following: TG: 29, 30, 36, 125 |
| 44) Uses the least common multiple (LCM) to find common denominators | The opportunity to address this objective is available. See the following: TG: 125 |

| Mississippi Mathematics Benchmarks Grade 6 | Great Source <i>Every Day Counts Algebra Readiness Kit</i> |
|---|---|
| Determines relationships among real numbers to include fractions, decimals, percents, ratios, and proportions in real life problems | |
| 45) Converts among fractions, decimals, and percents | TG: 28-30, 35-37, 42-43, 47, 55-57, 65, 72-73, 91-92, 99, 109, 146-147, 166-169, 179 |
| 46) Finds the percent of a number | TG: 35-37, 47, 80-81, 145, 167-169 |
| 47) Estimates and calculates sale price and/or original price using discount rates | This objective falls outside the scope of Great Source <i>Every Day Counts Algebra Readiness Kit</i> . |
| 48) Compares and orders fractions as well as mixed numerals | TG: 28-30, 91-92 |
| 49) Determines equivalent forms of fractions | TG: 30, 42-43, 55-57, 73, 91-92, 109-125 |
| 50) Uses a variety of techniques to express a fraction in simplest form | TG: 29, 30, 36, 125 |
| 51) Locates fractions, decimals, and mixed numerals on a number line | The opportunity to address this objective is available. See the following: TG: 82-83, 131-135, 154-158 |
| 52) Adds and subtracts mixed numerals with and without regrouping, expressing the answer in simplest form using like and unlike denominators | This objective falls outside the scope of Great Source <i>Every Day Counts Algebra Readiness Kit</i> . |
| 53) Multiplies and divides proper fractions as well as mixed numerals expressing the answer in simplest form | TG: 28-30, 56, 73, 125, 143, 168-169 |
| 54) Estimates, solves, and compares solutions to one and two-step problems involving addition, subtraction, multiplication, and division of proper fractions and mixed numerals | This objective falls outside the scope of Great Source <i>Every Day Counts Algebra Readiness Kit</i> . |
| 55) Demonstrates different ways to express ratios | TG: 42-43, 112-114, 145, 179, 187, 189 |



Every Day Counts[®] Algebra Readiness Kit © 2006
correlated to
Mississippi Mathematics Benchmarks
Grade 7

| Mississippi Mathematics Benchmarks Grade 7 | Great Source <i>Every Day Counts Algebra Readiness Kit</i> |
|--|--|
| Uses properties to create and simplify algebraic expressions and solves linear equations and inequalities | |
| 1) Describes and extends patterns in sequences | TG: 30-33, 43-44, 45-46, 50, 60-62, 68, 75-78, 86, 94-96, 106-108, 114-116, 128, 162-163, 172, 177-180 |
| 2) Identifies and uses the commutative, associative, distributive, and identity properties | TG: 33, 43-44, 181-182 |
| 3) Translates between simple algebraic expressions and verbal phrases | TG: 33-35, 44, 45-46, 63-64, 77, 78-80, 96-97, 119, 138-139, 164-166, 181-182 |
| 4) Solves linear equations using the addition, subtraction, multiplication, and division properties of equality with integer solutions | TG: 45, 46, 63-64, 79-80, 164-166 |
| 5) Writes a real world situation from a given equation | The opportunity to address this objective is available. See the following: TG: 30-33, 43-44, 60-62, 75-77, 80-81, 96, 114-116, 120-122, 137-139, 162-163, 164-166, 177-180, 181-182 |
| 6) Writes and solves equations that represent problem-solving situations | TG: 32, 33-35, 78-80, 96-97, 139, 164-166 |
| Interprets, organizes, and makes predictions using appropriate probability and statistics techniques | |
| 7) Organizes data in a frequency table | This objective falls outside the scope of Great Source <i>Every Day Counts Algebra Readiness Kit</i> . |
| 8) Interprets and constructs histograms, line graphs, and bar graphs | TG: 96-98, 117-118, 122-124, 142-144, 182-185 |
| 9) Interprets and constructs circle graphs when given degrees | TG: 144-145 |

| Mississippi Mathematics Benchmarks Grade 7 | Great Source <i>Every Day Counts Algebra Readiness Kit</i> |
|---|--|
| 10) Interprets and constructs stem-and-leaf plots and line plots from data | TG: 82-83, 101-103 |
| 11) Estimates and compares data including mean, median, mode, and range of a set of data | TG: 81-83, 101-103, 122-124, 142-143 |
| 12) Predicts and recognizes data from statistical graphs | TG: 44, 83, 116, 176, 183, 185 |
| 13) Determines probability of a single event | TG: 159-161, 175-177 |
| 14) Uses simple permutations and combinations | This objective falls outside the scope of Great Source <i>Every Day Counts Algebra Readiness Kit</i> . |
| Writes and solves problems involving standard units of measurement | |
| 15) Converts within a standard measurement system (English and metric) | TG: 125, 166-169 |
| 16) Converts temperature using the Fahrenheit and Celsius formulas | TG: 164-166 |
| 17) Uses standard units of measurement to solve application problems | TG: 110-113, 125, 142-145, 146-147, 165-166, 167-169, 183, 186-187 |
| Determines the relationships and properties of two and three-dimensional geometric figures and the application of properties and formulas of coordinate geometry | |
| 18) Identifies polygons with up to twelve sides | TG: 50, 51, 59, 68-70, 106-108, 128-130 |
| 19) Classifies and compares the properties of quadrilaterals | TG: 50-52, 68-70, 86-88 |
| 20) Classifies and measures angles | TG: 51, 57-59, 68-70, 74, 129-130 |
| 21) Classifies triangles by sides and angles | TG: 50-52, 107, 114-116, 128-131 |
| 22) Finds the perimeter of polygons | TG: 30-32, 43-44 |
| 23) Finds the area of triangles and quadrilaterals | TG: 31-32, 44, 60-62, 95, 114-116, 137-139 |
| 24) Finds the circumference and area of a circle | TG: 110-114, 135-136 |
| 25) Identifies congruent segments, angles, and polygons | TG: 27, 68-70, 86, 129, 152, 173-174 |

| Mississippi Mathematics Benchmarks Grade 7 | Great Source <i>Every Day Counts Algebra Readiness Kit</i> |
|--|--|
| 26) Develops relationships of faces, vertices, and edges of three-dimensional figures | TG: 150-154, 172-174, 186-189 |
| 27) Performs transformations (rotations, reflections, translations) on plane figures using physical models and graph paper | TG: 57-59, 74, 106-108 |
| 28) Investigates symmetry of polygons | TG: 86-88, 131 |
| 28) Develops and applies the Pythagorean Theorem to find missing sides of right triangles | This objective falls outside the scope of Great Source <i>Every Day Counts Algebra Readiness Kit</i> . |
| 29) Graphs ordered pairs on a coordinate plane | TG: 35, 46, 64, 79-80, 97-98, 117-118, 123, 164-166, 183 |
| Uses basic concepts of number sense and performs operations involving exponents, scientific notation, and order of operations | |
| 30) Uses powers of ten to multiply and divide decimals | The opportunity to address this objective is available. See the following: TG: 140-141 |
| 31) Uses patterns to develop the concept of exponents | TG: 117-118, 140-141 |
| 32) Writes numbers in standard and exponential form | TG: 54, 71, 97, 117, 120, 140-141 |
| 33) Converts between standard form and scientific notation | The opportunity to address this objective is available. See the following: TG: 114 |
| 34) Finds and uses prime factorization with exponents to obtain the greatest common factor (GCF) and least common multiple (LCM) | The opportunity to address this objective is available. See the following: TG: 53-54, 71-72 |
| 35) Uses patterns to develop the concept of roots of perfect squares with and without calculators | This objective falls outside the scope of Great Source <i>Every Day Counts Algebra Readiness Kit</i> . |
| 36) Recognizes and writes integers including opposites and absolute value | TG: 63-64, 131-135, 137-139, 154-158, 164-166 |
| 37) Compares and orders integers | TG: 131-135, 154-158 |

| Mississippi Mathematics Benchmarks Grade 7 | Great Source <i>Every Day Counts Algebra Readiness Kit</i> |
|--|--|
| 38) Adds, subtracts, multiplies, and divides integers with and without calculators | TG: 63-64, 120, 131-135, 136, 137-139, 154-158, 162-163, 164-166 |
| 39) Uses the order of operations to simplify and/or evaluate numerical and algebraic expressions with and without calculators | TG: 44, 137-139, 181 |
| Determines the relationships among real numbers to include fractions, decimals, percents, ratios, and proportions in real-life problems | |
| 40) Compares, orders, rounds, and estimates decimals | TG: 28-30, 91-92 |
| 41) Adds, subtracts, multiplies, and divides decimals in real-life situations with and without calculators | TG: 28-30, 43, 55-57, 72-73, 91-92, 100, 109, 147 |
| 42) Converts among decimals, fractions, and mixed numbers | TG: 28-30, 42-43, 55-57, 72-73, 109, 166-169, 179 |
| 43) Expresses ratios as fractions | TG: 35-37, 42-43, 64-65, 145, 166-169 |
| 44) Adds, subtracts, multiplies, and divides fractions and mixed numbers | TG: 28-30, 42-43, 55-57, 72-73, 91-92, 109, 125, 142-145, 166-169 |
| 45) Uses estimation to add, subtract, multiply, and divide fractions | This objective falls outside the scope of Great Source <i>Every Day Counts Algebra Readiness Kit</i> . |
| 46) Explores equivalent ratios and expresses them in simplest form | TG: 35-37, 42-43, 110-113, 145, 166-169 |
| 47) Solves problems involving proportions | TG: 177-180 |
| 48) Determines unit rates | This objective falls outside the scope of Great Source <i>Every Day Counts Algebra Readiness Kit</i> . |
| 49) Uses models to illustrate the meaning of percent | TG: 42-43, 109, 145, 146-147, 166-169 |
| 50) Converts among decimals, fractions, mixed numbers, and percents | TG: 28-30, 35-37, 42-43, 47, 55-57, 65, 72-73, 91-92, 99, 109, 146-147, 166-169, 179 |
| 51) Determines the percent of a number | TG: 35-37, 47, 80-81, 145, 167-169 |
| 53) Estimates decimals, fractions, and percents | TG: 36, 37, 100-101 |

| Mississippi Mathematics Benchmarks Grade 7 | Great Source <i>Every Day Counts Algebra Readiness Kit</i> |
|---|---|
| 54) Uses proportions and equations to solve problems with rate, base, and part with and without calculators | TG: 96-97, 117-1118, 120-122, 177-180 |
| 55) Finds the percent of increase and decrease | The opportunity to address this objective is available. See the following: TG: 35-37, 47, 80-81, 166-169 |
| 56) Solves problems involving sales tax, discount, and simple interest with and without calculators | TG: 98-101, 120-122 |



Every Day Counts[®] Algebra Readiness Kit © 2006
correlated to
Mississippi Mathematics Benchmarks
Grade 8

| Mississippi Mathematics Benchmarks Grade 8 | Great Source <i>Every Day Counts Algebra Readiness Kit</i> |
|--|---|
| Uses properties to create and simplify algebraic expressions and solves linear equations and inequalities | |
| 1) Identifies and applies the commutative, associative, and distributive properties | TG: 33, 43-44, 181-182 |
| 2) Distinguishes between numerical and algebraic expressions, equations, and inequalities | TG: 31-32, 33-35, 43-44, 45-46, 63-64, 77, 78-80, 96-98, 108, 117, 119, 138, 139, 164-166, 181-182 |
| 3) Converts between word phrases or sentences and algebraic expressions, equations, or inequalities | TG: 33-35, 44, 45-46, 63-64, 77, 78-80, 96-97, 119, 138-139, 164-166, 181-182 |
| 4) Simplifies and evaluates numerical and algebraic expressions | TG: 33-35, 43-44, 45-46, 63-64, 78-80 |
| 5) Solves and checks one and two-step linear equations and inequalities | TG: 45-46, 63-64, 79-80, 164-166 |
| 6) Solves and checks multi-step linear equations using the distributive property | The opportunity to address this objective is available. See the following: TG: 43-44, 181-182 |
| 7) Graphs solutions to inequalities on a number line | This objective falls outside the scope of Great Source <i>Every Day Counts Algebra Readiness Kit</i> . |
| 8) Writes a corresponding real life situation from an algebraic expression | The opportunity to address this objective is available. See the following: TG: 32, 33-35, 78-80, 96-97, 139, 164-166 |
| Interprets, organizes, and makes predictions using appropriate probability and statistics techniques | |
| 9) Interprets and constructs frequency tables and charts | This objective falls outside the scope of Great Source <i>Every Day Counts Algebra Readiness Kit</i> . |

| Mississippi Mathematics Benchmarks Grade 8 | Great Source <i>Every Day Counts Algebra Readiness Kit</i> |
|---|--|
| 10) Finds the mean, median, mode, and range of a given set of data | TG: 81-83, 101-103, 122-124, 142-143 |
| 11) Interprets and constructs bar graphs, line graphs, circle graphs, and pictographs from given data | TG: 96-98, 117, 122-124, 144-145, 182-185 |
| 12) Interprets and constructs stem and leaf, box and whisker, and scatter plots from given data | TG: 101-103, 182-185 |
| 13) Predicts patterns or trends based on given data | TG: 44, 83, 116, 122-124, 176, 183, 184, 185 |
| 14) Uses combinations and permutations in application problems | This objective falls outside the scope of Great Source <i>Every Day Counts Algebra Readiness Kit</i> . |
| 15) Calculates and applies basic probability | TG: 159-161, 175-177 |
| Writes and solves problems involving standard units of measurement | |
| 16) Converts, performs basic operations, and solves word problems using standard measurements | TG: 110-114, 125, 146-147, 164-165, 166-169, 174, 183, 186-189 |
| 17) Measures line segments and finds dimensions of given figures using standard measurements | TG: 110-114, 125, 146-147, 174, 183, 186-189 |
| 18) Writes and solves real life problems involving standard measurements | TG: 164-166, 167-169, 183 |
| 19) Selects appropriate units of measurement for real life problems | TG: 110-113, 125, 142-145, 146-147, 165-166, 167-169, 183, 186-187 |
| Determines the relationships and properties of two and three-dimensional geometric figures and the application of properties and formulas of coordinate geometry | |
| 20) Identifies parallel, perpendicular, intersecting, and skew lines | The opportunity to address this objective is available. See the following: TG: 70, 87 |
| 21) Identifies and describes characteristics of polygons | TG: 50, 51, 59, 68-70, 106-108, 128-130 |
| 22) Finds the perimeter and area of polygons and circumference and area of circles | TG: 30-32, 43-44, 60-62, 95, 110-113, 114-116, 135-136, 137-139 |

| Mississippi Mathematics Benchmarks Grade 8 | Great Source <i>Every Day Counts Algebra Readiness Kit</i> |
|---|--|
| 23) Classifies, draws, and measures acute, obtuse, right, and straight angles | TG: 51, 57-59, 68-70, 74, 129-130 |
| 24) Identifies and finds the missing angle measure for adjacent, vertical, complementary and supplementary angles | This objective falls outside the scope of Great Source <i>Every Day Counts Algebra Readiness Kit</i> . |
| 25) Locates and identifies angles formed by parallel lines cut by a transversal (e.g., corresponding, alternate interior, and alternate exterior) | This objective falls outside the scope of Great Source <i>Every Day Counts Algebra Readiness Kit</i> . |
| 26) Classifies triangles by sides and angles and finds the missing angle measure | TG: 50-52, 114-116, 128-131 |
| 27) Identifies three-dimensional figures and describes their faces, vertices, and edges | TG: 150-154, 172-174, 186-189 |
| 28) Uses the Pythagorean Theorem to solve problems with and without a calculator | This objective falls outside the scope of Great Source <i>Every Day Counts Algebra Readiness Kit</i> . |
| 29) Identifies the x and y-axis, the origin, and the quadrants of a coordinate plane | TG: 35, 46, 80, 97, 123, 164-166 |
| 30) Plots ordered pairs | TG: 35, 46, 64, 79-80, 97-98, 117-118, 123, 164-166, 183 |
| 31) Labels the x and y coordinates for a given point | The opportunity to address this objective is available. See the following: TG: 35, 46, 64, 79-80, 97-98, 117-118, 123, 164-166, 183 |
| 32) Uses tables and graphs simple linear equations | TG: 45-46, 63-64, 79-80, 164-166 |
| Uses basic concepts of number sense and performs operations involving exponents, scientific notation, and order of operations | |
| 33) Simplifies expressions using order of operations | TG: 44, 137-139, 181 |
| 34) Uses the rules of exponents when multiplying or dividing like bases and when raising a power to a power | The opportunity to address this objective is available. See the following: TG: 97, 117 |

| Mississippi Mathematics Benchmarks Grade 8 | Great Source <i>Every Day Counts Algebra Readiness Kit</i> |
|--|--|
| 35) Multiplies and divides numbers by powers of ten | The opportunity to address this objective is available. See the following: TG: 140-141 |
| 36) Converts between standard form and scientific notation | The opportunity to address this objective is available. See the following: TG: 114 |
| 37) Multiplies and divides numbers written in scientific notation | This objective falls outside the scope of Great Source <i>Every Day Counts Algebra Readiness Kit</i> . |
| 38) Evaluates and estimates powers, squares, and square roots with and without calculators | TG: 25, 40, 140-141 |
| Determines relationships among real numbers to include fractions, decimals, percents, ratios, and proportions in real life problems | |
| 39) Classifies and gives examples of real numbers such as natural, whole, integers, rational, and irrational | TG: 28-30, 42-43, 55-57, 72-73, 91-92, 100, 109, 125, 131-135, 137-139, 142-145, 154-158, 164-166, 168-169 |
| 40) Identifies, compares, and orders fractions and decimals | TG: 28-30, 72-73, 91-92, 109 |
| 41) Rounds and estimates using fractions and decimals | TG: 37, 100-101, 121, 136 |
| 42) Solves real life problems involving addition, subtraction, multiplication, and division of fractions, decimals, and mixed numbers | TG: 28-30, 42-43, 55-57, 72-73, 91-92, 100, 109, 125, 142-145, 147, 166-169 |
| 43) Determines the absolute value and additive inverse of real numbers | The opportunity to address this objective is available. See the following: TG: 131-135, 155-156 |
| 44) Classifies, compares, and orders integers and rational numbers | TG: 28-30, 91-92, 131-135, 154-158 |
| 45) Adds, subtracts, multiplies, and divides integers and rational numbers with and without calculators | TG: 28-30, 42-43, 55-57, 63-64, 72-73, 91-92, 109, 117-120, 131-135, 137-139, 154-158, 163, 164-166, 168-169 |
| 46) Writes ratios comparing given data | TG: 110-114, 145, 179, 189 |

| Mississippi Mathematics Benchmarks Grade 8 | Great Source <i>Every Day Counts Algebra Readiness Kit</i> |
|---|--|
| 47) Converts among ratios, decimals, and percents | TG: 28-30, 35-37, 42-43, 47, 55-57, 65, 72-73, 80-81, 91-92, 109, 145, 166-169, 179, 186-189 |
| 48) Solves proportions | TG: 177-180 |
| 49) Solves for part, rate, or base | The opportunity to address this objective is available. See the following: TG: 96-97, 117-120, 122-124, 177-180 |
| 50) Finds commissions and rates of commission, discounts, sale prices, sales tax, and simple interest | TG: 98-101, 120-122 |
| 51) Finds percent of increase and decrease | The opportunity to address this objective is available. See the following: TG: 35-37, 47, 80-81, 166-169 |
| 52) Writes and solves real life word problems using percents with and without calculators | TG: 35-37, 47, 80-81, 145, 166-169 |

