

Strand	Standard #	Standard Description	Time Covered
Number Sense	1.2	Interpret percents as a part of a hundred; find decimal and percent equivalents for common fractions and explain why they represent the same value; compute a given percent of a whole number.	3rd Quarter
	1.4	Determine the prime factors of all numbers through 50 and write the numbers as the product of their prime factors by using exponents to show multiples of a factor (e.g., $24 = 2 \times 2 \times 2 \times 3 = 2^3 \times 3$).	1st Quarter
	1.5	Identify and represent on a number line decimals, fractions, mixed numbers, and positive and negative integers.	1st/2nd Quarter
	2.1	Add, subtract, multiply, and divide with decimals; add with negative integers; subtract positive integers from negative integers; and verify the reasonableness of the results.	2nd Quarter
	2.2	Demonstrate proficiency with division, including division with positive decimals and long division with multidigit divisors.	2nd Quarter
	2.3	Solve simple problems, including ones arising in concrete situations, involving the addition and subtraction of fractions and mixed numbers (like and unlike denominators of 20 or less), and express answers in the simplest form.	2nd Quarter
Algebra & Functions	1.1	Use information taken from a graph or equation to answer questions about a problem situation.	1st Quarter
	1.2	Use a letter to represent an unknown number; write and evaluate simple algebraic expressions in one variable by substitution.	1st Quarter
	1.4	Identify and graph ordered pairs in the four quadrants of the coordinate plane.	2nd/3rd Quarter
	1.5	Solve problems involving linear functions with integer values; write the equation; and graph the resulting ordered pairs of integers on a grid.	1st Quarter
Measurement & Geometry	1.1	Derive and use the formula for the area of a triangle and of a parallelogram by comparing it with the formula for the area of a rectangle (i.e., two of the same triangles make a parallelogram with twice the area; a parallelogram is compared with a rectangle of the same area by cutting and pasting a right triangle on the parallelogram).	1st/4th Quarter

