I can recognize and use all 8 Mathematical Practices.

I can add, subtract, and multiply decimals.(1-1)

I can divide whole numbers and decimals.(1-2)

I can use models and equations to multiply fractions and mixed numbers. (1-3)

I can test and verify the appropriateness of my math model. (3-Act)

I can use models and equations to represent fraction division. (1-4)

I can divide a fraction by another fraction. (1-5)

I can divide with mixed numbers. (1-6)

I can solve multistep problems with fractions and decimals. (1-7)

Topic Essential Question:

How can you fluently add, subtract, multiply, and divide decimals? How can you multiply and divide fractions?

(Topic 1 Review/Assessment)

I can solve multistep problems with fractions and decimals. (1-7)

I can use positive and negative integers. (2-1)

I can represent rational numbers using a number line. (2-2)

I can find and interpret absolute value. (2-3)

I can graph points with rational coordinates on a coordinate plane. (2-4)

I can use absolute value to find distance on a coordinate plane. (2-5)

I can find side lengths of polygons on a coordinate plane. (2-6)

Topic Essential Question:

What are integers and rational numbers? How are points graphed on a coordinate plane?

(Topic 2 Review/Assessment)

I can write and evaluate numbers with exponents. (3-1)

I can write the prime factorization and find the greatest common factor and the least common multiple of two numbers. (3-2)

I can use the order of operations to evaluate numerical expressions. (3-3)

I can use variables to write algebraic expressions. (3-4)

I can evaluate an algebraic expression with whole numbers, decimals, and fractions. (3-5)

I can identify and write equivalent algebraic expressions. (3-6)

I can combine like terms in algebraic expressions. (3-7)

Topic Essential Question:

What are expressions and how can they be written and evaluated?

(Topic 3 Review/Assessment)

I can determine if a value for a variable makes an equation true. (4-1)

I can use the properties of equality to write equivalent equations. (4-2)

I can write and solve an addition or subtraction equation. (4-3)

I can write and solve a multiplication or division equation. (4-4)

I can write and solve equations that involve rational numbers. (4-5)

I can understand and write an inequality that describes a real-world situation. (4-6)

I can write and represent solutions of inequalities. (4-7)

I can identify dependent and independent variables. (4-8)

I can use patterns to write and solve equations with variables. (4-9)

I can analyze the relationship between dependent and independent variables in tables, graphs, and equations. (4-10)

Topic Essential Question:

What procedures can be used to write and solve equations and inequalities?

(Topic 4 Review/Assessment)