

## Chapter 1

**7.SP.5.6.7a,b.8a: Statistics and Probability-** Investigate chance processes and develop, use, and evaluate probability models.

## Chapter 2

**7.NS.1b,d.2a,d: The Number System-** Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.

**7.RP.2a,b,d: Ratios and Proportional Relationships-** Analyze proportional relationships and use them to solve real-world and mathematical problems.

## Chapter 3

**7.NS.1b,d.2a,b,c.3: The Number System-** Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.

## Chapter 4

**7.G.1: Geometry-** Draw, construct, and describe geometrical figures and describe the relationships between them.

**7.EE.1: Expressions and Equations-** Use properties of operations to generate equivalent expressions.

**7.RP.2a,b,c,d- Ratios and Proportional Relationships-** Analyze proportional relationships and use them to solve real-world and mathematical problems.

## Chapter 5

**7.EE.3: Expressions and Equations-** Solve real-life and mathematical problems using numerical and algebraic expressions and equations.

**7.RP.2a,d: Ratios and Proportional Relationships-** Analyze proportional relationships and use them to solve real-world and mathematical problems.

**7.SP.6.7b.8a,b,c: Statistics and Probability-** Investigate chance processes and develop, use, and evaluate probability models.

## Chapter 6

**7.EE.3.4a,b: Expressions and Equations-** Solve real-life and mathematical problems using numerical and algebraic expressions and equations.

## Chapter 7

**7.RP.2d: Ratios and Proportional Relationships-** Analyze proportional relationships and use them to solve real-world and mathematical problems.

**7.EE.2a,d.3.4: Expressions and Equations-** Solve real-life and mathematical problems using numerical and algebraic expressions and equations.

## Chapter 8

**7.SP.1.2: Statistics and Probability-** Use random sampling to draw inferences about a population.

**7.SP.3.4: Statistics and Probability-** Draw informal comparative inferences about two populations.

**7.G.2: Geometry-** Draw, construct, and describe geometrical figures and describe the relationships between them.

**7.G.5: Geometry-** Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.

## Chapter 9

**7.G.4.6: Geometry-** Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.