

7th Grade Math Pacing Chart 2014-2015 Holt

Half-Course Date	September	Oct-Nov	Dec-Jan	Jan-Mar	Mar-Apr	May
Chapter	Chapter 1	Chapter 2 Chapter 3	Chapter 4 Chapter 5	Chapter 6 Chapter 7	Chapter 8 Chapter 9	Chapter
Plan	36 Calculators	36 Calculators				
Total Weeks Days	2 Weeks 18 Days	8 Weeks 26/28 Days	8 Weeks 18/19 Days	8 Weeks 12/18 Days	8 Weeks 16/18 Days	8 Week 28 Day
Assessment	End of Course			January: End of Course		
Unit	Algebraic Reasoning	Integers and Rational Numbers	Proportional Relationships Concepts	Percents Collecting, Displaying, and Analyzing Data	Measurement and Geometry	Probability
Common Core Standards	<p>I can apply properties of operations as strategies to add and subtract rational numbers. (1.1)</p> <p>I can apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients. (2)</p> <p>I can understand that multiplying an expression in different forms can shed light on a problem and how the operations in it are related. (1.1)</p>	<p>I can add and subtract rational numbers and represent the operations on a horizontal or vertical number line diagram. (1)</p> <p>I can describe absolute value as a number's distance away from zero. (1.1)</p> <p>I can multiply and divide rational numbers. (1.1)</p> <p>I can solve real-world problems involving the four operations with rational numbers. (1.1)</p> <p>I can use variables to represent quantities in a problem and construct equations and inequalities to solve the problem. (2)</p> <p>I can apply properties of operations as strategies to add and subtract rational numbers. (2)</p> <p>I can understand that multiplying is associated three fractions in rational numbers. (2)</p> <p>I can understand that integers can be divided. (1.1)</p> <p>I can apply properties of operations as strategies to multiply and divide rational numbers. (1.1)</p>	<p>I can compare and ratio associated with ratios of fractions. (1)</p> <p>I can recognize and represent proportional relationships between quantities. (1.1)</p> <p>I can represent proportional relationships by equations. (1.1)</p> <p>I can explain what a point on the graph of a proportional relationship means in terms of the situation. (1.1)</p> <p>I can solve problems involving scale drawings of geometric figures. (1.1)</p>	<p>I can use proportional relationships to solve multistep ratio and percent problems. (1.1)</p> <p>I can understand that statistics can be used to gain information about a population by examining a sample of the population. (1.1)</p> <p>I can use this data to make a random sample to draw inferences about a population with an unknown characteristic of interest. (2)</p> <p>I can informally assess the degree of visual overlap of two numerical data distributions with similar variabilities. (1.1)</p> <p>I can use measures of center and variability to draw informal comparative inferences about two populations. (2)</p> <p>I can understand that statistics are represented in different forms only that light on a problem and how the operations in it are related. (1.1)</p> <p>I can solve multi-step problems posed with positive and negative rational numbers in any form. (1.1)</p> <p>I can apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients. (1.1)</p> <p>I can use statistics to represent quantities in a problem and construct equations and inequalities to solve the problem. (2)</p> <p>I can solve word problems leading to equations. (2)</p>	<p>I can draw geometric shapes with given conditions. (1.1)</p> <p>I can describe the three-dimensional figures that result from slicing three-dimensional figures. (1.1)</p> <p>I can use the formulas for the area and circumference of a circle and use them to solve problems (7.1, 7.2)</p> <p>I can use facts about supplementary, complementary, adjacent, and adjacent angles in a multi-step problem to solve and write simple equations for an unknown angle. (6.1)</p> <p>I can solve real-world problems that involve area, volume, and surface area of two-dimensional objects. (1.1)</p>	<p>I can understand that the probability event is a number between 0 and 1. (1)</p> <p>I can approximate the probability of a probability distribution of events that probabilities of events using organized lists, tables, simulations. (1.1)</p> <p>I can understand the probability model in the fractions of outcomes for which the events occur. (1)</p> <p>I can represent sample spaces. (1.1)</p> <p>I can design and run a state experiment that compares. (1.1)</p>

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