

6th Grade - Holt McDougal Common Core 2012

Lesson #	Learning Target(s)	Test B Item #
1.1	Prerequisite: I can estimate with whole numbers.	1, 2, 3, 4
1.2	6NS2 I can fluently divide multi-digit numbers.	5, 6
1.3	6EE1 I can write & evaluate expressions involving exponents.	7, 8, 9
1.4	6EE1 I can use the order of operations to evaluate expressions involving exponents.	10, 11, 12
1.5	6EE3 I can use the properties of operations to generate equivalent algebraic expressions. (Weak?)	13, 14, 15?
2.1	6EE2b I can identify & describe parts of expressions (variable, constant)	
2.1	6EE2c I can evaluate algebraic expressions & formulas.	1,2,3,
2.2	6EE2a I can write algebraic expressions and equations.	4, 5, 6, 12, 17
2.2	6EE2b I can identify & describe parts of expressions	x
2.2	6EE2c I can evaluate algebraic expressions & formulas.	x
2.3	6EE2a I can write algebraic expressions. (from tables)	7, 8
2.3	6EE2c I can evaluate algebraic expressions & formulas.	x
2.4	6EE5 I can determine whether a number is a solution of an equation.	10,11, 13-16
2.4	6EE4 I can identify equivalent algebraic expressions.	5, 6?
2.5	6EE7 I can use algebra to solve equations in the form of $x + p = q$.	x
2.5	6EE6 I can use algebraic expressions to solve problems.	x
2.6	6EE6 I can use algebraic expressions to solve problems. (Subtraction only)	x
2.7	6EE7 I can use algebra to solve equations in the form of $px = q$.	18, 19, 20
2.7	6EE6 I can use algebraic expressions to solve problems.	x
2.8	6EE6 I can use algebraic expressions to solve problems. (Division)	21, 22, 23
3.1	6NS6c I can find and position rational numbers on a number line. (weak)	
3.2	Prerequisite: I can estimate with decimals.	4,5,6
3.3	6NS3 I can fluently add & subtract multi-digit decimals.	7,8
3.3	6EE7 I can use algebra to solve equations in the form of $x + p = q$. (add & subtract decimals)	21, 23
3.4	6NS3 I can fluently multiply multi-digit decimals.	9, 10, 11
3.4	6EE7 I can use algebra to solve equations in the form of $x + p = q$. (multiply decimals)	22
3.5	6NS3 I can fluently divide whole numbers and decimals by decimals.	12,13,14,15,16,17, 18
3.6	6NS3 I can fluently divide whole numbers and decimals by decimals.	x
3.7	6NS3 I can fluently divide whole numbers and decimals by decimals. (interpreting the decimal & remainder)	19, 20
3.8	6EE7 I can write algebraic equations.	x

3.8	6EE7 I can use models to solve addition & multiplication equations. (Weak?) (Do we include subtraction & division?)	x
3.8	6EE7 I can use algebra to solve multiplication and division equations	x
3.8	6EE7 I can solve equation involving fractions by using the strategy <i>solve a simpler problem</i> .	x
3.8	6EE6 I can use algebraic expressions to solve problems.	throughout
4.1	Prerequisite: I can find the factors and prime factorization of a number up to 100.	1,2
4.2	6NS4 I can find the greatest common factor of two whole numbers.	3,4
4.3	6EE4 I can identify (and create) equivalent algebraic expressions.	7, 8
4.3	6NS4 I can use the distributive property to find the greatest common factor. (???)	6,7,8
4.4	Prerequisite: I can convert between fractions & decimals.	9,10,11,12
4.5	Prerequisite: I can find equivalent fractions.	13
4.6	Review: I can convert between mixed numbers and improper fractions.	14,15
4.7	6NS7b I can compare and order positive rational numbers.	16,17,18
5.1	6NS4 I can find the least common multiple of two whole numbers.	1,2
5.2	Review?: I can find least common denominators	3,4,5,6
5.2	Review?: I can add and subtract with unlike denominators.	3,4
5.3	Review?: I can regroup to subtract mixed numbers.	5,6
5.4	6EE7 I can solve equations in the form $x + p = q$ using fractions and mixed numbers for x , p , & q .	7,8
5.5	Prerequisite for dividing/Review: I can multiply mixed numbers.	9,10,11
5.6	6NS1 I can divide fractions.	12,13,14
5.7	6EE7 I can use algebra to solve multiplication and division equations	15,16
5.7	6NS1 I can divide fractions.	x
6.1	6SP2 I can summarize a data set by using mean, median, and mode.	1
6.1	6SP3 I can find a single number (mean, median, mode, range) that summarizes a data set.	1
6.2	6SP3 I can find mean, median, mode, and range when a value of the data set changes.	2
6.3	6SP1 I can recognize statistical questions. (weak)	
6.3	6SP3 I can summarize a data set by using range, interquartile range, and mean absolute deviation.	3, 5
6.3	6SP4 I can display data in box and whisker plots.	4
6.4	6SP4 I can display data in line plots, frequency tables, and histograms.	6,7,8
6.5	6SP5 I can describe a data set in relation to its context.	10
6.5	6SP2 I can summarize a data set by using range, interquartile range, and mean absolute deviation.	10
6.5	6SP3 I can recognize what measures of center and variability indicate about a data set.	9
7.1	6RP2 I can define the term "unit rate" & demonstrate my understanding by giving various examples.	
7.1	6RP2 I can recognize a ratio written as a unit rate, explain a unit rate, & give an example of a unit rate.	
7.1	6RP2 I can convert a given ratio to a unit rate.	

7.1	6RP2 I can use unit rates to make comparisons.	3
7.2	6RP3a I can use the proportional relationship to find missing values in a table of equivalent ratios.	5,6
7.3	6NS6c I can plot ordered pairs of rational numbers (positive only) on a coordinate planes	7
7.4	6RP1 I can write a proportion that describes a relationship between 2 quantities (S)	1
7.4	6RP3a I can use the proportional relationship to find missing values in a table of equivalent ratios.	
7.5	6RP3c I can write a percent as a rate per one hundred.	
7.6	6RP3c I can write fractions & decimals as percents.	10,11,12,13
7.7	6RP3 I can use proportional reasoning to find the percent of a given number.	14,15,16
7.8	6RP3 I can use proportional reasoning to find the whole when given the part and the percent.	17,18,19
8.1	6RP3d I can use ratio reasoning to convert from one unit of length, mass, or capacity, to another. (customary)	1,2,3,
8.2	6RP3d I can use ratio reasoning to convert from one unit of length, mass, or capacity, to another. (metric)	4,5,6
8.3	6G1 I can find the area of quadrilaterals by composing into rectangles.	8
8.3	6EE2c I can find the area of parallelograms.	8
8.4	6G1 I can find the area of triangles and trapezoids.	9,10
8.5	6G1 I can find the area of polygons by decomposing into other shapes.	11
8.6	6G2 I can find volume of rectangular prisms by applying the strategy <i>use a formula</i> . (triangular prisms done too)	12,13,14
8.7	6G4 I can use nets to represent three-dimensional figures.	
8.7	6G4 I can use nets to recognize that the surface area of a prism is equal to the sum of the areas of its faces.	15?
9.1	6NS5 I can recognize that positive & negative numbers are used to describe quantities having opposite directions or opposite values.	2
9.2	6NS7a I can describe the relative position of two numbers on a number line when given an inequality.	
9.2	6NS7b I can write, interpret, and explain statements of order for rational numbers.	4,5
9.2	6NS7 I can compare and order integers (Extension - negative rational numbers)	4,5
9.3	6NS6 I can plot and read points on a coordinate plane.	6,7,8,9
9.4	6G3 I can plot polygons on a coordinate plane, and use coordinates to find side lengths.	10
9.5	6NS8 I can find horizontal and vertical distance on the coordinate plane.	11
10.1	6EE9 I can create a table of two variables that represents a real-world situation in which one quantity will change in relation to the other.	5
10.2	6EE9 I can analyze the relationship between the dependent and independent variables by comparing the table, graph, and equation.	1,2,4
10.2	6EE9 I can create a graph by plotting the dependent and independent variables on the x and y axes.	
10.3	6RP3 I can use ratio and rate reasoning to solve real-world and mathematical problems. (Extension: Slope, Rate of Change)	6
10.3	6RP3a I can use tables to solve problems involving equivalent ratios.	
10.4	6EE8 I can write a simple inequality to represent the constraints or conditions of numerical values.	7
10.4	6EE8 I can explain what the solution set of an inequality represents.	

