

Texas
TAKS and TEKS Student Expectations
Mathematics - Grade 6
Correlations with Gourmet Curriculum Press, Inc.®
 1.800.900.2290

Benchmark Number	Benchmark • Instructional Targets	Gourmet Resource	Taught	Tested
Domain: Number, Operation, and Quantitative Reasoning				
6.1 A	• <i>compare and order non-negative rational numbers</i>	Appetizers 6.1 A; Main Dish Objective 1 (Number Concepts) Lesson 1		
6.1 B	• <i>generate equivalent forms of rational numbers including whole numbers, fractions, and decimals</i>	Appetizers 6.1B; Main Dish Objective 1 (Number Concepts) Lesson 5		
6.1 C	• <i>use integers to represent real-life situations</i>	Appetizers 6.1C; Main Dish Objective 1 (Number Concepts)		
6.1 D	• <i>write prime factorization using exponents</i>	Appetizers 6.1 D; Main Dish Objective 1 (Number Concepts) Lesson 4		
6.1 E	• <i>identify factors and multiply including common factors and common multiples</i>	Appetizers 6.1E; Main Dish Objective 1 (Number Concepts) Lesson 4		
6.2 A	• <i>model addition and subtraction situations involving fractions with objects, pictures, words, and numbers</i>	Appetizers 6.2A; Main Dish Objective 6 (Addition) Lesson 3; 7 (Subtraction) Lesson 2		
6.2 B	• <i>use addition and subtraction to solve problems involving fractions and decimals</i>	Appetizers 6.2B; Main Dish Objective 6 (Addition) Lessons 3 & 4; 7 (Subtraction) Lessons 2 & 3		
6.2 C	• <i>use multiplication and division of whole numbers to solve problems including situations involving equivalent ratios and rates</i>	Appetizers 6.2C; Main Dish Objective 1 (Number Concepts) Lesson 5; 2 (Mathematical Relations) Lesson 3; 8 (Multiplication) Lesson 1; 9 (Division); 10 (Estimation) Lesson 6		

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6.2 D	<ul style="list-style-type: none"> estimate and round to approximate reasonable results and to solve problems where exact answers are not required 	Appetizers 6.2D; Main Dish Objective 10 (Estimation) Lessons 1, 2, 3, 4, 5,6,7,&8; 7(Subtraction) Lesson 4; 8 (Multiplication) Lesson 2		
Domain: Patterns, Relationships, and Algebraic Thinking				
6.3 A	<ul style="list-style-type: none"> use ratios to describe proportional situations 	Appetizers 6.3A; Main Dish Objective 1 (Number Concepts) Lesson 5; 2 (Mathematical Relations) Lesson 3;10 (Estimation) Lesson 6; 11 (Problem Solving) Lesson 4; 12 (Mathematical Representation)		
6.3 B	<ul style="list-style-type: none"> represent ratios and percents with concrete models, fractions, and decimals 	Appetizers 6.3B; Main Dish Objective 5 (Probability/Statistics) Lessons 2 & 4; 11 (Problem Solving) Lesson 4		
6.3 C	<ul style="list-style-type: none"> use ratios to make predictions in proportional situations 	Appetizers 6.3C; Main Dish Objective 5 (Probability/Statistics) Lesson 4		
6.4 A	<ul style="list-style-type: none"> use tables and symbols to represent and describe proportional and other relationships involving conversions, sequences, perimeter, area, etc. 	Appetizers 6.4A; Main Dish Objective 4 (Measurement) Lessons 4 & 5; 5 (Probability/Statistics) Lesson 2		
6.4 B	<ul style="list-style-type: none"> generate formulas to represent relationships involving perimeter, area, volume of a rectangular prism, etc. from a table of data 	Appetizers 6.4B ; Main Dish Objective 4 (Measurement) Lessons 4 & 5; 11 (Problem Solving) Lessons 2 & 4; Objective 12 (Mathematical Representation) Lesson 3		
6.5 A	<ul style="list-style-type: none"> formulate an equation from a problem situation 	Appetizers 6.5A; Main Dish Objective 12 (Mathematical Representation)		

Benchmark Number	Benchmark • Instructional Targets	Gourmet Resource	Taught	Tested
Domain: Geometry and Spatial Reasoning				
6.6 A	• <i>use angle measurements to classify angles as acute, obtuse, or right</i>	Appetizers 6.6A; Main Dish Objective 3 (Geometry) Lesson 4		
6.6 B	• <i>identify relationships involving angles in triangles and quadrilaterals</i>	Appetizers 6.6B; Main Dish Objective 3 (Geometry) Lessons 1 & 4		
6.6 C	• <i>describe the relationship between radius, diameter, and circumference of a circle</i>	Appetizers 6.6C; Main Dish Objective 4 (Measurement) Lesson 4; Objective 11 (Problem Solving) Lesson 2		
6.7 A	• <i>locate and name points on a coordinate plane using ordered pairs of non-negative rational numbers</i>	Appetizers 6.7A; Main Dish Objective 2 (Mathematical Relations) Lesson 2		
Domain: Measurement				
6.8 A	• <i>estimate measurement and evaluate reasonableness of results</i>	Appetizers 6.8A; Main Dish Objective 4 (Measurement) Lessons 1 & 2		
6.8 B	• <i>select and use appropriate units, tools, or formulas to measure and to solve problems involving length (including perimeter and circumference), area, time, temperature, capacity, and weight</i>	Appetizers 6.8B; Main Dish Objective 4 (Measurement) Lessons 1, 2, 3, 4, & 5; Objective 11 (Problem Solving) Lesson 2		
6.8 C	• <i>measure angles</i>	Appetizers 6.8C; Main Dish Objective 3 (Geometry) Lesson 4		
6.8 D	• <i>convert measures within the same measurement system (customary and metric) based on relationships between units</i>	Appetizers 6.8D; Main Dish Objective 4 (Measurement) Lessons 2 & 3		

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Domain: Probability and Statistics				
6.9 A	<ul style="list-style-type: none"> construct sample spaces using lists, tree diagrams, and combinations 	Appetizers 6.9A; Main Dish Objective 5 (Probability/Statistics) Lessons 3 & 4		
6.9 B	<ul style="list-style-type: none"> find the probabilities of a simple event and its complement and describe the relationship between the two 	Appetizers 6.9B; Main Dish Objective 5 (Probability/Statistics) Lessons 1, 3, & 4		
6.10 A	<ul style="list-style-type: none"> draw and compare different graphical representations of the same data 	Appetizers 6.10A; Main Dish Objective 5 (Probability/Statistics) Lesson 2; Objective 12 (Mathematical Representation) Lesson 3		
6.10 B	<ul style="list-style-type: none"> use median, mode, and range to describe data 	Appetizers 6.10B; Main Dish Objective 5 (Probability/Statistics) Lesson 5		
6.10 C	<ul style="list-style-type: none"> sketch circle graphs to display data 	Appetizers 6.10C; Main Dish Objective 5 (Probability/Statistics) Lesson 2		
6.10 D	<ul style="list-style-type: none"> solve problems by collecting, organizing, displaying, and interpreting data 	Appetizers 6.10D; Main Dish Objective 5 (Probability/Statistics) Lessons 1, 2, & 3; 12 (Mathematical Representation) Lesson 3		
Domain: Underlying Processes and Mathematical Tools				
6.11 A	<ul style="list-style-type: none"> identify and apply mathematics to everyday experiences, to activities in and outside of school, with other disciplines, and with other mathematical topics 	Appetizers 6.1A-6.13B; Main Dish Objectives 1 (Number Concepts) through 13 (Reasonableness)		

Benchmark Number	Benchmark • Instructional Targets	Gourmet Resource	Taught	Tested
6.11 B	<ul style="list-style-type: none"> • <i>use a problem-solving model that incorporates understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness</i> 	Appetizers 6.11B; Main Dish Objective 11 (Problem Solving) Lessons 1, 2, 3, & 4; 13 (Reasonableness)		
6.11 C	<ul style="list-style-type: none"> • <i>select or develop an appropriate problem-solving strategy from a variety of different types, including drawing a picture, looking for a pattern, systematic guessing and checking, acting it out, making a table, working a simpler problem, or working backwards to solve a problem</i> 	Appetizers 6.11C; Main Dish Objective 2 (Mathematical Relations); 11 (Problem Solving); 12 (Mathematical Representation)		
6.12 A	<ul style="list-style-type: none"> • <i>communicate mathematical ideas using language, efficient tools, appropriate units, and graphical, numerical, physical, or algebraic mathematical models</i> 	Appetizers 6.1A-6.13B; Main Dish Objectives 1 (Number Concepts) through 13 (Reasonableness)		
6.13 A	<ul style="list-style-type: none"> • <i>make conjectures from patterns or sets of examples and non examples</i> 	Appetizers 6.13A; Main Dish Objective 2 (Mathematical Relations) Lesson 4		
6.13 B	<ul style="list-style-type: none"> • <i>validate his/her conclusions using mathematical properties and relationships</i> 	Appetizers 6.13B; Main Dish Objective 2 (Mathematical Relations) Lessons 1 & 4; 12 (Mathematical Representation)		