

Mathematics  
Grade 6  
Benchmark Test Answer Key  
Third Testing Period  
March 3-7, 2003

Item Number	Answer	TEKS	STUDENT EXPECTATIONS
1	B	6.5	The student is expected to formulate an equation from a problem situation.
2	C	6.8B	Select and use appropriate units, tools, or formulas to measure and to solve problems involving length, area, time, temperature, capacity, and weight.
3	A	6.3C	Use ratios to make predictions in proportional situations.
4	D	6.5	The student is expected to formulate an equation from a problem situation.
5	C	6.5	The student is expected to formulate an equation from a problem situation.
6	D	6.3A	Use ratios to describe proportional situations
7	A	6.8D	Convert measures within the same measurement system based on relationships between units.
8	C	6.8B	Select and use appropriate units, tools, or formulas to measure and to solve problems involving length, area, time, temperature, capacity, and weight.
9	C	6.8B	Select and use appropriate units, tools, or formulas to measure and to solve problems involving length, area, time, temperature, capacity, and weight.
10	C	6.13A	Make conjectures from patterns or sets of examples and nonexamples.
11	A	6.11B	Use a problem-solving model that incorporates understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness.
12	*40.5	6.11B	Use a problem-solving model that incorporates understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness.
13	D	6.10D	Solve problems by collecting, organizing, displaying, and interpreting data.
14	C	6.10D	Solve problems by collecting, organizing, displaying, and interpreting data.
15	D	6.1A	Compare and order non-negative rational numbers.
16	C	6.1B	Generate equivalent forms of rational numbers including whole numbers, fractions, and decimals.
17	C	6.1B	Generate equivalent forms of rational numbers including whole numbers, fractions, and decimals.
18	D	6.1E	Identify factors and multiples including common factors and common multiples.
19	B	6.2B	Use addition and subtraction to solve problems involving fractions and decimals.
20	D	6.2B	Use addition and subtraction to solve problems involving fractions and decimals.
21	*159.80	6.2D	Estimate and round to approximate reasonable results and to solve problems where exact answers are not required.
22	D	6.6C	Describe the relationship between radius, diameter, and circumference of a circle.
23	D	6.6C	Describe the relationship between radius, diameter, and circumference of a circle.
24	A	6.6C	Describe the relationship between radius, diameter, and circumference of a circle.
25	D	6.7	The student is expected to locate and name points on a coordinate plane using ordered pairs of non-negative rational numbers.
26	C	6.7	The student is expected to locate and name points on a coordinate plane using ordered pairs of non-negative rational numbers.
27	C	6.10A	Draw and compare different graphical representations of the same data

\* Not to be scanned. Will be checked on campus.