

Name: _____

Score: _____

STAAR Practice Test by Objective

Objective	Questions	# Correct	% Correct
Number 1	4 13 15 16 20 22 25 26 27 29 31 32 35 36 39 42 43 44 45 46		
Number 2	5 10 28 41		
Number 3	1 2 3 6 9 11 17 23 24 30 37 48		
Number 4	7 8 12 14 18 33 34 38		
Number 5	19 21 40 47		

Objective 1: The student will demonstrate an understanding of number concepts. Skills – place value through 999,999,999; equivalent fractions, fractions greater than one, compare and order fractions, relate fractions to decimals; addition & subtraction of whole numbers and decimals; basic multiplication & division facts, multiply up to 2-digits by 2-digits, long division – up to 3-digits by 1-digit; estimation using rounding and compatible numbers.

Objective 2: The student will demonstrate an understanding of mathematical relations, functions, and other algebraic concepts. Skills – use patterns to remember multiplication and division facts, multiply numbers by 10 and 100; ordered pairs in a table (find rule).

Objective 3: The student will demonstrate an understanding of geometric properties and relationships. Skills – types of angles, types of lines, attributes of 2- and 3-dimensional figures; translations, rotations, reflections, symmetry; number lines – whole numbers, fractions (halves & fourths), decimals (to tenths).

Objective 4: The student will demonstrate an understanding of measurement concepts using metric and customary units. Skills – estimate and find measurements using tools (customary and metric system): capacity, weight, mass, and length (find perimeter, area, and volume); conversions between units of customary length, capacity, and weight; explain difference between mass and weight; measure temperature and changes in temperature; use a clock to solve elapsed time problems.

Objective 5: The student will demonstrate an understanding of probability and statistics. Skills- combinations up to 3 different items; compare bar graphs & double bar graphs.

* **Objective 6 (integrated throughout test):** The student will demonstrate an understanding of the mathematical processes and tools used in problem solving. Skills – identify math in everyday situations, use a four step plan to solve problems (TIPS), relate informal language to math language and symbols; make generalizations from patterns or sets of examples and nonexamples.