

Mathematics

Level 10 Standards

Name: _____

Concept Area and Standard	Date Passed	Grade A = Advanced B = Proficient
NUMBER SENSE		
Estimate and compute the sum or difference of whole numbers and positive decimals to two places (2.1)		
Round two-place decimals to one decimal or the nearest whole number and judge the reasonableness of the rounded answer (2.2)		
ALGEBRA		
Use and interpret formulas (e.g., area = length X width or $A=lw$) to answer questions about quantities and their relationships (1.4)		
Understand that an equation such $Y = 3x + 5$ is a prescription for determining a second number when a first number is given (1.5)		
MEASUREMENT AND GEOMETRY		
Identify lines that are parallel and perpendicular (3.1)		
Identify the radius and diameter of a circle (3.2)		
Identify congruent figures (3.3)		
Identify figures that have bilateral and rotational symmetry (3.4)		
Know the difference of a right angle, an acute angle, and an obtuse angle. Understand that 90° , 180° , 270° , and 360° are associated, respectively, with $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, and full turns (3.5)		
Visualize, describe, and make models of geometric solids (e.g., prisms, pyramids) in terms of the number and shape of faces, edges, and vertices; draw patterns (of faces) for a solid that, when cut and folded, will make a model of the solid (3.6)		
Know the definitions of different triangles (e.g., equilateral, isosceles, scalene) and identify their attributes (3.7)		
Know the definition of different quadrilaterals (e.g., rhombus, square, rectangle, parallelogram, trapezoid) (3.8)		
Draw the points corresponding to linear relationships on graph paper (e.g., draw 10 points on the graph of the equation $y = 3x$ and connect them by using a straight line) (2.1)		
Understand that the length of a horizontal line segment equals the difference of the x-coordinates (2.2)		

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Understand that the length of a vertical line segment equals the differences of the y-coordinates (2.3)		
STATISTICS, DATA ANALYSIS, & PROBABILITY		
Formulate survey questions; systematically collect and represent data on a number line; and coordinate graphs, tables and charts (1.1)		
Identify the modes for sets of categorical data and the mode, median, and any apparent outliers for numerical data sets (1.2)		
Interpret one- and two-variable data graphs to answer questions about a situation (1.3)		
Represent all possible outcomes for a simple probability situation in an organized way (e.g., tables, grids, tree diagrams) (2.1)		
Express outcomes of experimental probability situations verbally and numerically (e.g., 3 out of 4; $\frac{3}{4}$) (2.2)		

Date Completed All Level 10 Math Standards _____ **Teacher Signature** _____

(Quarter 1) Parent Signature _____ (Quarter 2) Parent Signature _____

(Quarter 3) Parent Signature _____ (Quarter 4) Parent Signature _____