Name:_____ Date:_____

Period:_____ Mr. Valentino

Important Vocabulary Homework

Below is a list of some of the important vocabulary words we have learned this year. Each word has a definition given but some words are missing. First fill in the blanks of each definition. Then you must draw a diagram to illustrate the definition.

Term	Picture/ Example
Reflexive Property- a segment or an angle is congruent to _____.	
Midpoint – A point in the _____ of a segment.	
Perpendicular Lines – When two lines (or segments) intersect to form _____.	
Parallel Lines – Two lines that will never _____. They form the following angle pairs: • Alternate interior angles • Alternate exterior angles • Corresponding angles • Same side interior angles • Same side exterior angles	
Segment Bisector- A line that intersects a segment and cuts a _____ into two congruent _____.	
Angle Bisector- A line that cuts an _____ into two congruent _____.	

Median- A segment that goes from the vertex of a triangle to the _____ of the opposite side. It bisects a side!	
Altitude- A segment that goes from the vertex of a triangle and is _____ to the opposite side. It creates 90˚ angles!	
Isosceles Triangle- A triangle with exactly _____ congruent sides and _____ congruent angles.	
Right Triangle- A triangle with a _____ angle.	
Equilateral Triangle- A triangle with _____ congruent sides and _____ congruent angles.	
Substitution Postulate- if two things are congruent to the same thing then they are congruent to each other. (transitive property) If a = b and a = c then b = c	
Addition Postulate- If you add the same thing to two equal things then the result is equal. If a = b, then a + c = b + c	
Subtraction Postulate- If you subtract the same thing from two equal things then the result is equal. If a = b, then a – c = b - c	