Unit 1 Vocabulary

Basics of Geometry – Points, Lines, Planes, Space

	Vocabulary Word	Picture	Definition
1.	Acute Angle		Any angle measuring less than 90
2.	Adjacent Angles		Two angles that share a common side and vertex
3.	Angle		Formed by two rays and share a common vertex
4.	Angle Bisector		A ray that divides an angle into two congruent angles
5.	Between		A point B that lies on the line connecting two points A and C and has one of the two points on each side of it.
6.	Collinear		Points that lie on the same line
7.	Complementary Angles		Two angles whose sum is 90 degrees
8.	Congruent Angles		Angles with the same measure
9.	Congruent Segments		Segments with the same length
10.	Contains		Apart of….lies on…..
11.	Coplanar		Objects that lie on the same plane
12.	Line		Infinite set of collinear points
13.	Linear Pair		Adjacent angles whose non-adjacent sides form opposite rays
14.	Midpoint		A point that divides a segment into two congruent segments
15.	Non-collinear		Points that do not lie on the same line
16.	Non-coplanar		Objects that do not lie in the same plane
17.	Obtuse Angle		Angle that measures greator than 90 but less than 180

18.	Opposite Rays		Two collinear rays with the same end point (forms a line)
19.	Parallel Lines		Coplanar lines that never intersect
20.	Perpendicular Bisector		Any segment bisector that intersects the midpoint at 90 degrees
21	Perpendicular Lines		Lines that intersect at 90
22.	Plane		A boundless flat surface (3 non-collinear points)
23.	Point		A size-less location in space
25.	Postulate		A statement that is assumed to be true
26.	Ray		Part of a line consisting of one endpoint and all the points of the line on one side of the endpoint
27.	Right Angle		Angle measuring 90 degrees
28	Segment		Part of a line consisting of two endpoints and all the points in between
29	Segment Bisector		Any line segment, line, ray or plane that intersects a segment at the midpoint
30.	Skew Lines		Non-coplanar lines that do not intersect
31.	Space		Infinite set of points everywhere (4 non-coplanar points)
32.	Straight Angle		Angle measuring 180
33.	Supplementary Angles		Two angles whose sum is 180
34.	Theorem		A statement that requires proof
35.	Vertical Angles		Two angles whose sides form two pairs of opposite rays