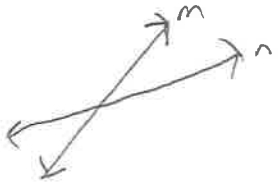
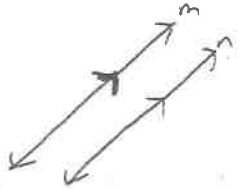
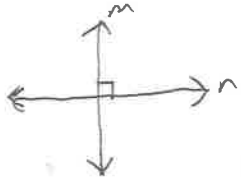
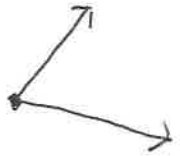
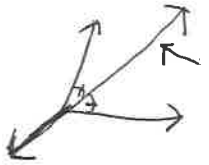
Math 1

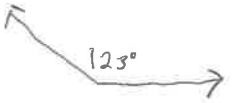
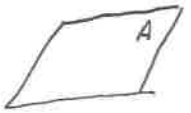
Name Key

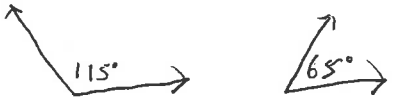
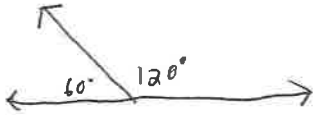
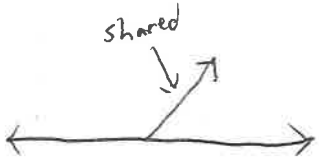
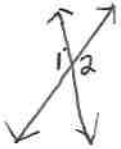
6-1 Geometry Vocabulary

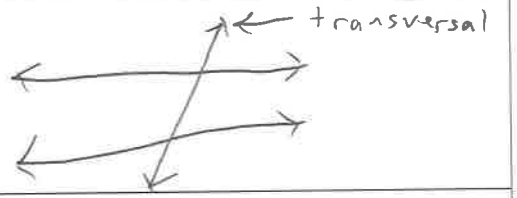
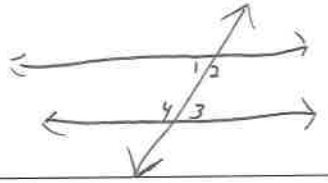
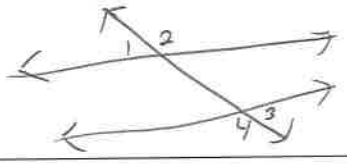
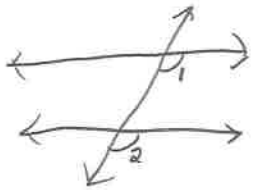
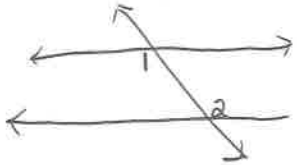
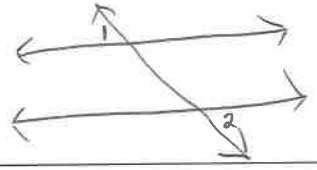
- I can define and apply important geometric terms.

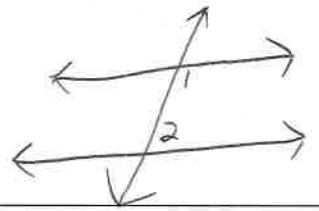
TERM	DEFINITION	EXAMPLE
Point	Undefined term – a location	
Line	Undefined term – continues forever in both directions	
Intersecting Lines	Lines that cross (have different slopes)	
Parallel Lines	Lines that have the same slope or never intersect.	
Perpendicular Lines	Lines that intersect to form right angles.	
Ray	A part of a line that starts at a point and continues forever in one direction.	

TERM	DEFINITION	EXAMPLE
Line Segment	A part of a line with two endpoints.	
Midpoint	A point on a line segment that divides it into two ***congruent*** segments.	
Angle	Two rays with a common end point.	
Vertex	The common end point of an angle.	
Angle Bisector	A line, line segment or ray that divides an angle into two congruent parts.	
Acute Angle	An angle between 0 and 90 degrees.	

TERM	DEFINITION	EXAMPLE
Obtuse Angle	An angle between 90 and 180 degrees.	
Equidistant	Equal distance.	
Circle	A set of points that are equidistant from the center.	
Arc	A part of the circumference of a circle.	
Plane	A 2-dimension figure that goes on forever in two directions. (coordinate plane)	
Right Angle	A 90 degree angle.	

TERM	DEFINITION	EXAMPLE
Straight Angle	A 180 degrees angle.	
Complementary Angles	Two angles that add up to 90 degrees.	
Supplementary Angles	Two angles that add up to 180 degrees.	
Linear Pair	Adjacent and supplementary angles.	
Adjacent Angles	Angles that share a side.	
Vertical Angles	Two non-adjacent, non-overlapping angles formed by two intersecting lines.	

TERM	DEFINITION	EXAMPLE
Transversal	A line that intersects two or more other lines at different points.	
Interior Angles	Angles between the two lines cut by a transversal.	
Exterior Angles	Angles not between the two lines cut by a transversal.	
Corresponding Angles	Two non-adjacent angles on the same side of the transversal with one being an interior angle and the other an exterior angle.	
Alternate Interior Angles	Two non-adjacent interior angles on opposite sides of the transversal.	
Alternate Exterior Angles	Two non-adjacent exterior angles on opposite sides of the transversal.	

TERM	DEFINITION	EXAMPLE
Same-Side Interior Angles	Two interior angles on the same side of the transversal.	
Same-Side Exterior Angles	Two exterior angles on the same side of the transversal.