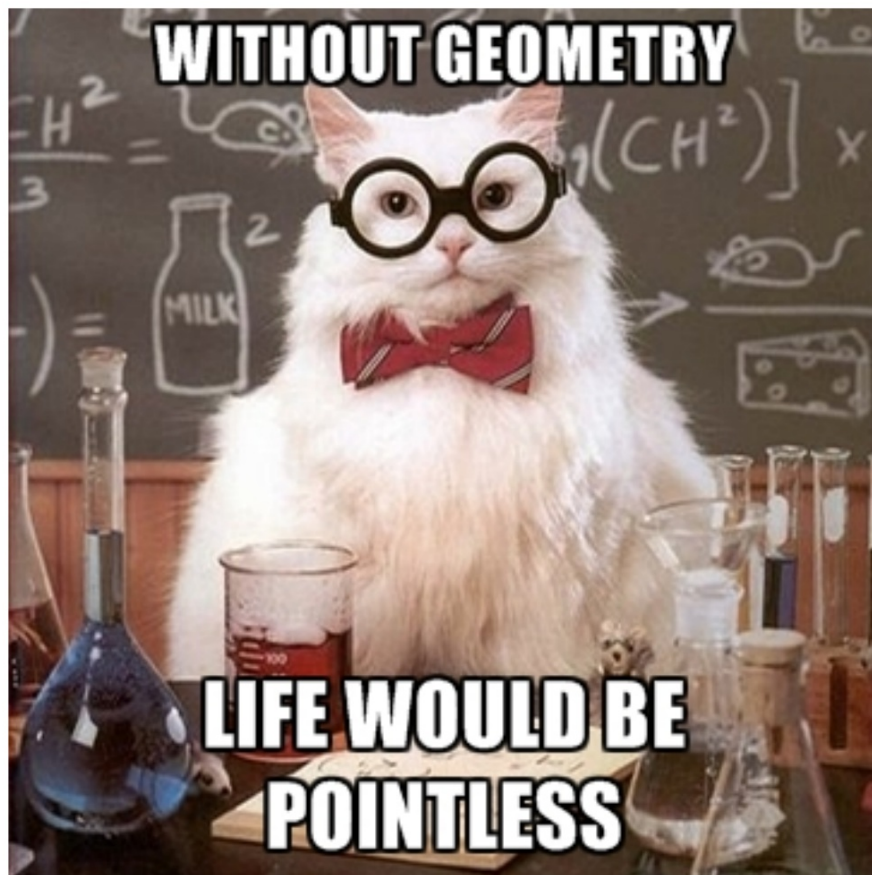
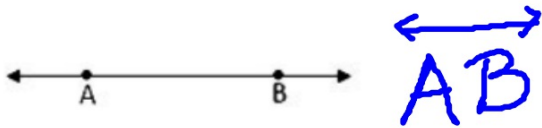


Unit 7 - Geometry!



Guided Notes - Notation & Definitions

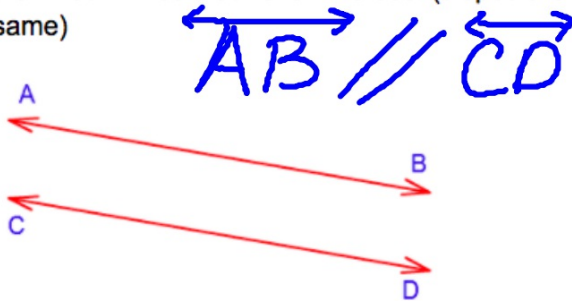
line – extends forever in opposite directions
(sometimes called a straight angle with 180°)



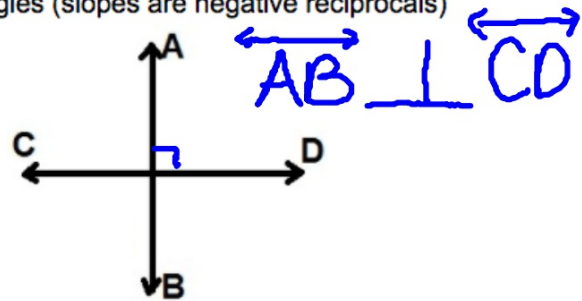
line segment – the part of line between any two points



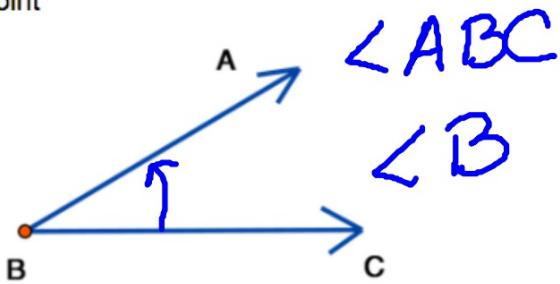
parallel lines – lines that never intersect (slopes are the same)



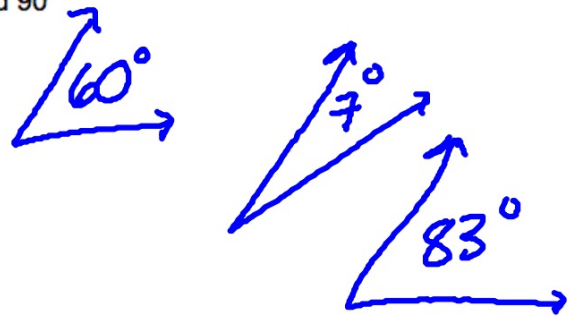
perpendicular lines – lines that intersect to form right angles (slopes are negative reciprocals)



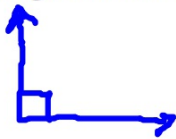
angle – the space between two lines with a common endpoint



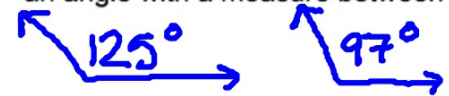
acute angle – an angle with a measure between 0° and 90°



right angle – an angle with a measure exactly 90°

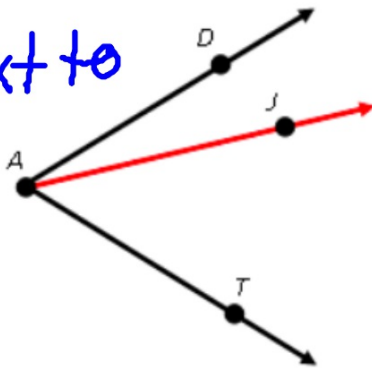


obtuse angle – an angle with a measure between 90° and 180°



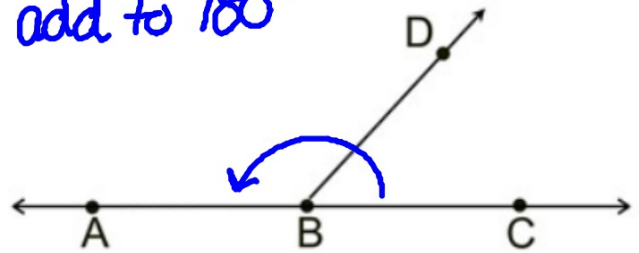
adjacent angle – a pair of angles with a shared side and vertex

** Next to*



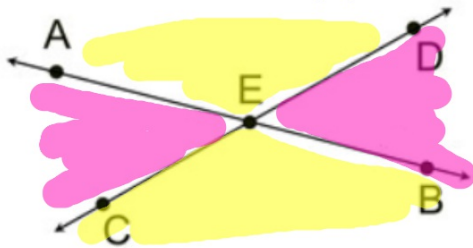
linear pair – adjacent angles that form a line (supplementary)

add to 180°

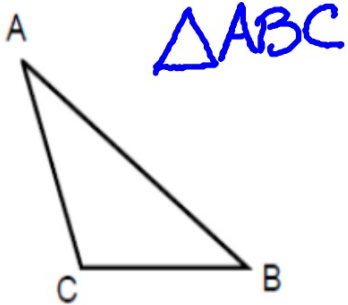


vertical angles – angles that are opposite each other and share a vertex

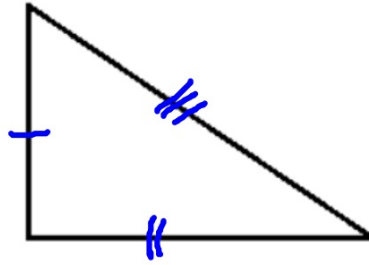
** Across From*



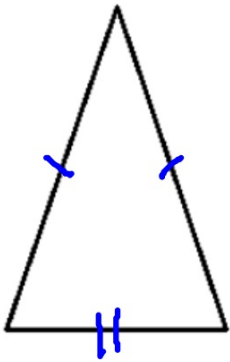
triangle – a three sided polygon (angles add up to 180°)



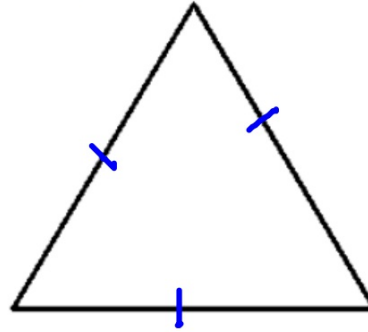
scalene triangle – a triangle with no sides of the same length



isosceles triangle – a triangle with two sides of the same length



equilateral triangle – a triangle with all three sides of the same length



Homework is on Page 7.1