1.4 - Angle Measure

Goals Aligned to Common Core State Standards:

- You will identify rays, angles, and the vertex.
- You will measure and classify angles.
- You will identify and use congruent angles and the bisector of an angle.
- You will construct an angle that is congruent to a given angle and bisect an angle.
- MP 4, 5, 6

Measure Angles





Measuring Angles

What is used to measure an angle?

If angle PQR is 75 degrees, the correct notation would be: $m \angle PQR = 75$

Remember: The letters represent sides and the angle. The letter in the middle represents the angle and the outside letters represents the sides.

- Label each angle as $\angle ABC$
- Measure the angles
- Classify the angles as acute, obtuse, or right and label them accordingly.





Angle Bisector: Cuts an L into 2= Darts



2(3x-10) = 5x-5





Pg. 39 Copy an Angle, Pg. 40 Bisect an Angle

Goals Aligned to Common Core State Standards:

- You can identify rays, angles, and the vertex.
- You can measure and classify angles.
- You can identify and use congruent angles and the bisector of an angle.
- You can construct an angle that is congruent to a given angle and bisect an angle.

Homework:

1.4 Pg. 41 #12, 16, 20, 25-41odd, 42, **52 challenge**

