

- An angle divides a plane into  $\underline{3}$  distinct parts.
- What points . . .
  - Lie on the angle: A, E, D

F G



1) Name all the angles that have R as its vertex.



## **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.



Classify Angles

- Acute Angle:  $v < \chi < 9b$
- Obtuse Angle:  $90 < \chi < 180$



Your Homework Examples will look like the following: Measure and classify each angle.

9) ∠MPR 10) ∠RPN 11) ∠NPS XUSE your protractor on these.

Congruent Angles: Angles that have the same measure. \*Cannot use protractor here!!!! Only use when worded like above\*



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