Geometry I Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_

Unit # 2 – Lines and Angles

Angle Relationships – Day 3



Example 1.

A. Name 2 adjacent angles.

B. Name 2 acute vertical angles.

C. Name 2 angles that form a linear pair.





**Example 2.**

**ALGEBRA Find the measures of angle A and angle B**

**if m A= x and the m B = 5x - 6, and angle A and angle B are supplementary.**

**Example 3.**

**ALGEBRA Find the measures of two complementary angles if one angle measure is 2x + 10 and the measure of the other angle is 3x + 5.**



**Example 4**

**ALGEBRA Find *x* and *y* so that**

***KO* and *HM* are perpendicular.**

**Example 5**

**ALGEBRA Find x so that AD and CE are**

**perpendicular.**