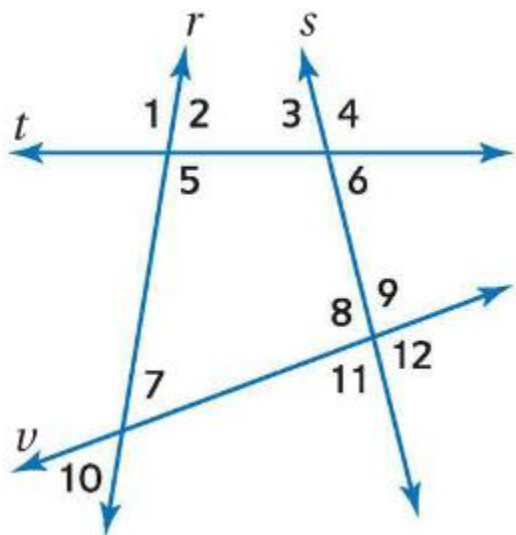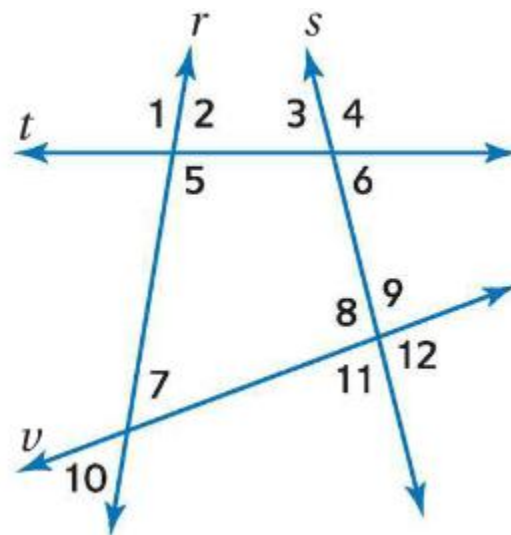Pre-AP Geometry

Name:_____

Per:_____

POINTS:____

Homework #8 Quiz

Be sure to include your work when appropriate.

Identify the transversal connecting each pair of angles. Then classify the relationship between each pair of angles as *alternate interior, alternate exterior, corresponding,* or *consecutive interior angles*.
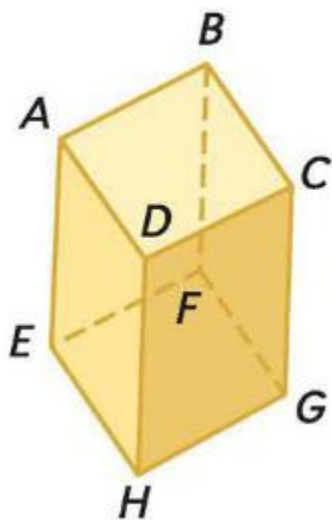

1.   ∠5 and ∠7

2.   ∠4 and ∠9

Homework #8 Quiz

Be sure to include your work when appropriate.

Identify the transversal connecting each pair of angles. Then classify the relationship between each pair of angles as *alternate interior, alternate exterior, corresponding,* or *consecutive interior angles*.
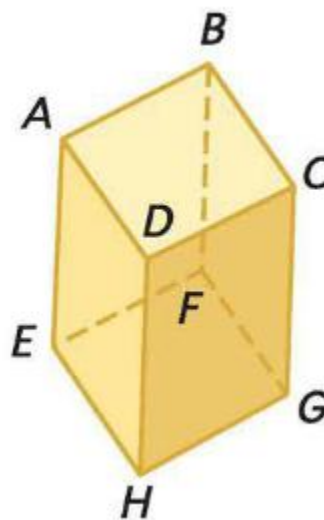

1.   ∠5 and ∠7

2.   ∠4 and ∠9

3. Describe the relationship between each pair of segments as **parallel, skew, or intersecting**.
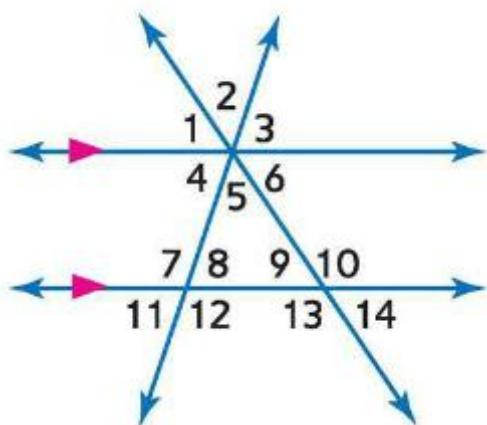

$\overline{CD}$ and $\overline{AE}$

3. Describe the relationship between each pair of segments as **parallel, skew, or intersecting**.
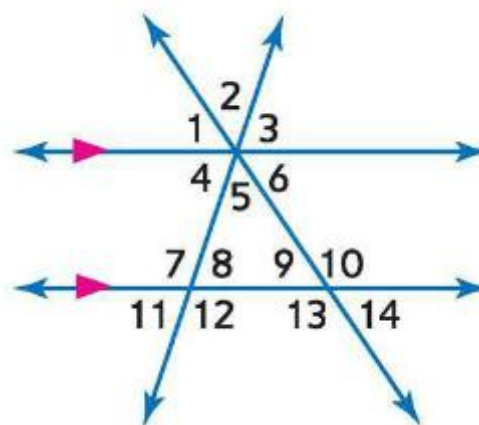

$\overline{CD}$ and $\overline{AE}$

4. In the figure, $m\angle 11 = 62$ and $m\angle 14 = 38$. Find the measure of each angle. Tell which postulate(s) or theorem(s) you used.

$\angle 3$

4. In the figure, $m\angle 11 = 62$ and $m\angle 14 = 38$. Find the measure of each angle. Tell which postulate(s) or theorem(s) you used.

$\angle 3$