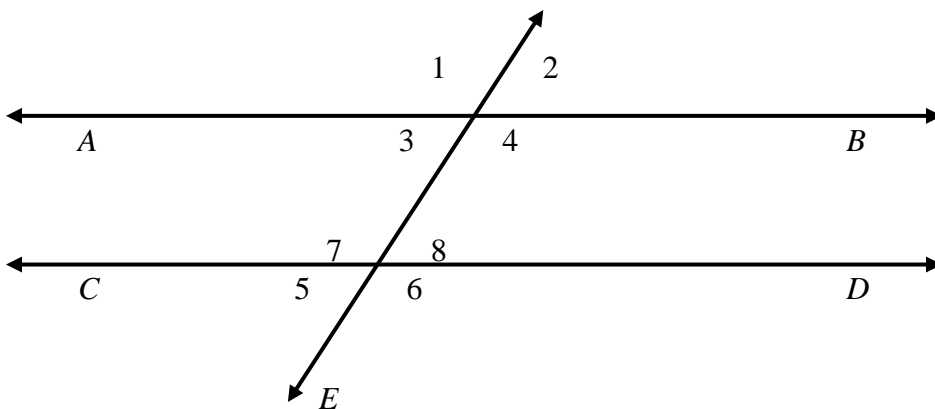


Using the following picture, where  $\overleftrightarrow{AB} \parallel \overleftrightarrow{CD}$  and  $\overleftrightarrow{E}$  is a transversal:



1. Name all pairs of corresponding angles.

\_\_\_\_\_

2. What type of angles are  $\angle 3$  and  $\angle 8$ ?

\_\_\_\_\_

3. Name all pairs of vertical angles.

\_\_\_\_\_

4. What type of angles are  $\angle 5$  and  $\angle 2$ ?

\_\_\_\_\_

5. If  $m\angle 6$  is  $127^\circ$ , find the measures of all of the other angles.

$\angle 1$  \_\_\_\_\_  $\angle 2$  \_\_\_\_\_  $\angle 3$  \_\_\_\_\_  $\angle 4$  \_\_\_\_\_  $\angle 5$  \_\_\_\_\_  $\angle 7$  \_\_\_\_\_  $\angle 8$  \_\_\_\_\_