

Name \_\_\_\_\_

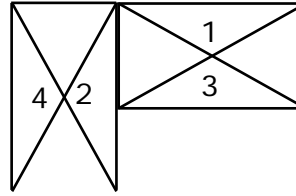
Date \_\_\_\_\_

### Geometric Proofs On Lines and Angles - Guided Lesson

Complete the following problems:

1) Given  $\angle 1 \cong \angle 2$

Prove  $\angle 3 \cong \angle 4$

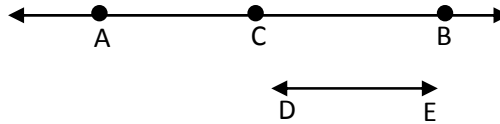


2) Given C is midpoint of AB

$\overline{CB} \cong \overline{DE}$

Prove

$\overline{AC} \cong \overline{DE}$



3) Given  $X \parallel Y$

Prove  $\angle 1 \cong \angle 8$

