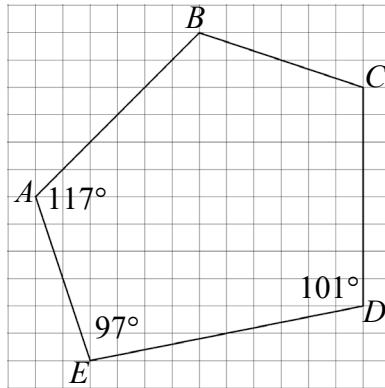# CONGRUENT POLYGONS: GUIDED NOTES

All of the following pentagons are congruent. Label each polygon and identify the corresponding parts. Write a congruence statement for each polygon.
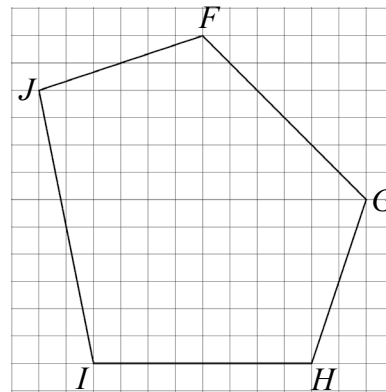
> Polygons with the same shape and size are *congruent*. Congruent polygons have congruent corresponding angles and sides.
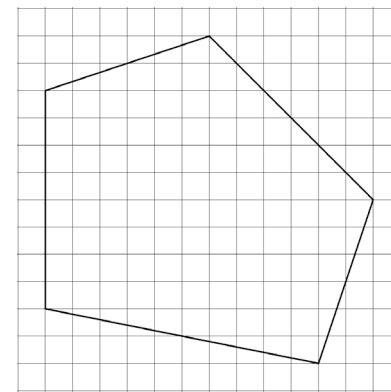
Polygon $ABCDE$

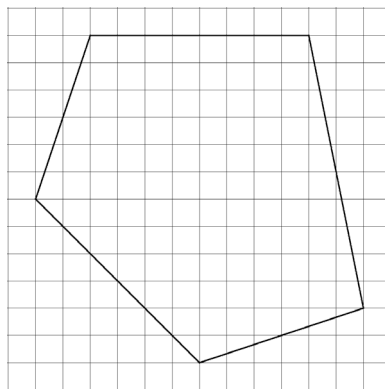$ABCDE$ Rotated 90° CW

$ABCDE \cong$ _____

Horizontal Reflection of $ABCDE$

$ABCDE \cong$ _____

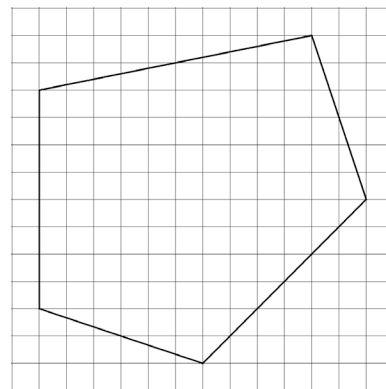$ABCDE$ Rotated 90° CCW

$ABCDE \cong$ _____

$ABCDE$ Rotated 180° CW

$ABCDE \cong$ _____

Vertical Reflection of $ABCDE$

$ABCDE \cong$ _____