

Name: _____ # _____

Geometry: Period _____

Ms. Pierre

Date: _____



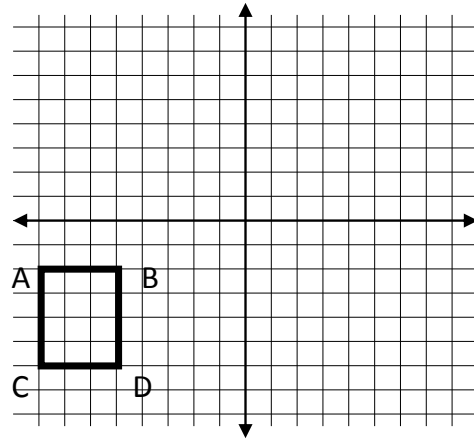
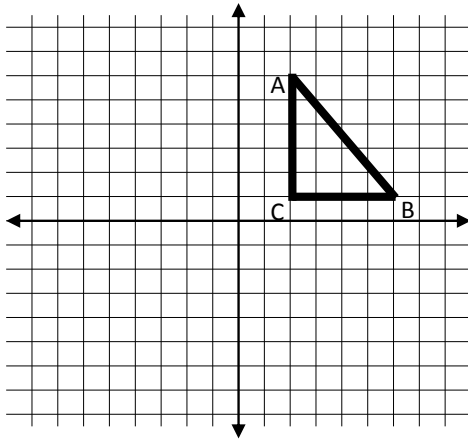
Do Now #2

Sketch the image of the pre-image after the given translation. Label each vertex. Label image vertex as A', B', C' etc.

1. Slide 8 left and 5 down.

2. A(-8, -2) ; B(-5, -2) ; C(-8, -6) ;
D(-5, -6)

$$(x, y) \rightarrow (x + 8, y + 10)$$



3. Graph and label the polygon determined by the coordinates below, then graph and label the image created by the transformation:

a)

P (4, 8) Q (2, 6)

R (2, 3) S (4, 5)

$$(x, y) \rightarrow (x + 4, y - 5)$$

b)

A (0, 0) B (-6, 0)

C (-6, 3)

$$(x, y) \rightarrow (x + 6, y + 3)$$

