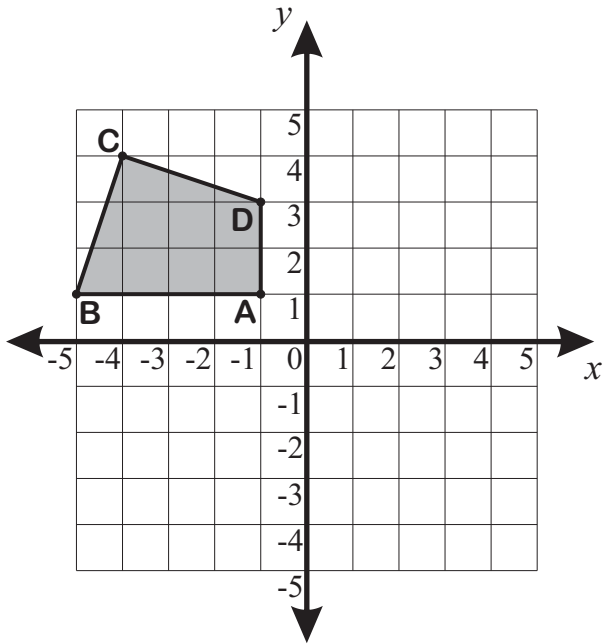


Name: _____

1. For the shape shown on this Cartesian plane answer the questions below.



- (a) List the coordinates of the vertices of the shape.

A = (,) **B** = (,)

C = (,) **D** = (,)

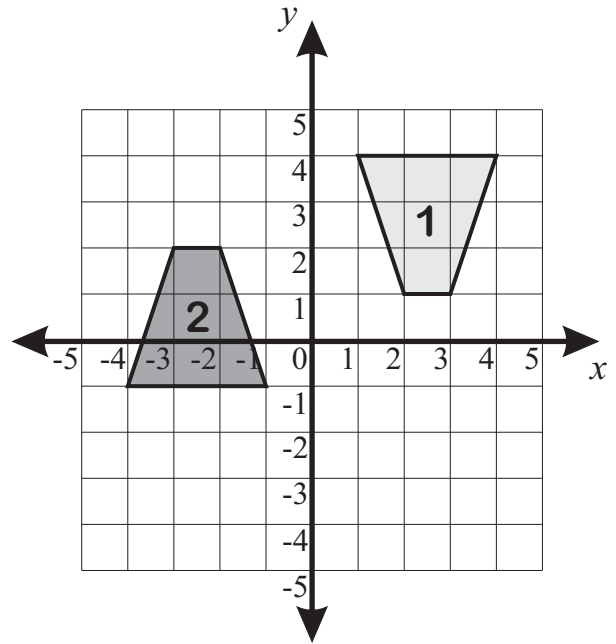
- (b) Draw the shape after it has been rotated 180° about **A** and then translated two units to the right and two units down.
(c) List the coordinates of the vertices of this moved shape.

A' = (,) **B'** = (,)

C' = (,) **D'** = (,)

- (d) State another way of achieving the same transformation.

2. Using reflections, translations and/or rotations state two methods that could be used to move the shape shown below from position 1 to position 2.



Method 1

Method 2
