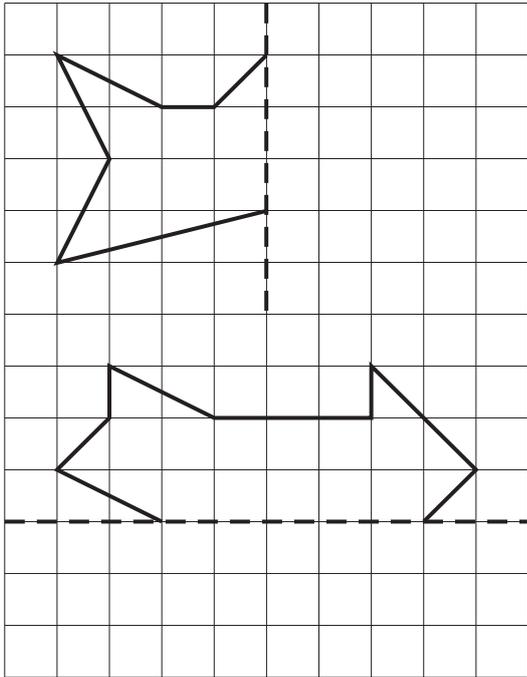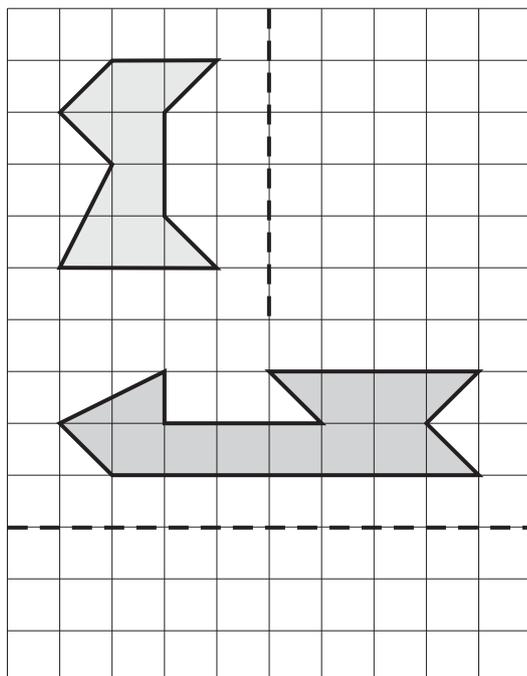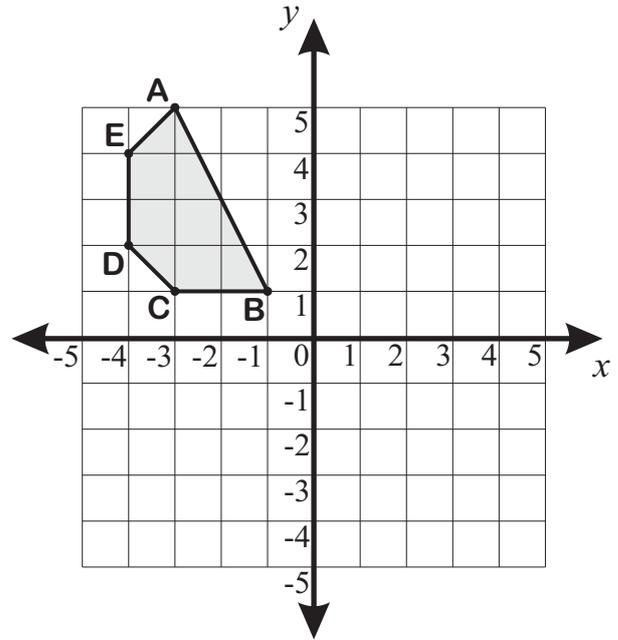*Name*: _____

1. Complete the symmetrical shapes below by drawing the other half using the lines of symmetry shown.

2. Draw the reflection of the shapes below after they have been reflected about the lines shown.

3. 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** = (,   )
E = (,   )

(b) Draw the reflection of the shape after it has been reflected about the *y*-axis.
(c) List the coordinates of the vertices of this reflected shape.

A' = (,   )   **B'** = (,   )
C' = (,   )   **D'** = (,   )
E' = (,   )

(d) Draw the reflection of the original shape after it has been reflected about the *x*-axis.
(e) List the coordinates of the vertices of this reflected shape.

A" = (,   )   **B"** = (,   )
C" = (,   )   **D"** = (,   )
E" = (,   )