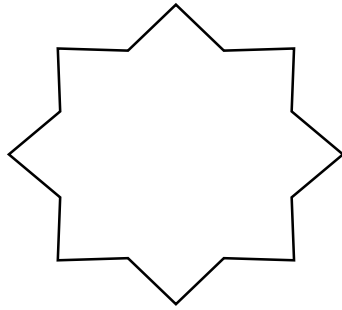


Name: \_\_\_\_\_ Period: \_\_\_\_\_

**G- Review Assessment 1**

**C-Level**

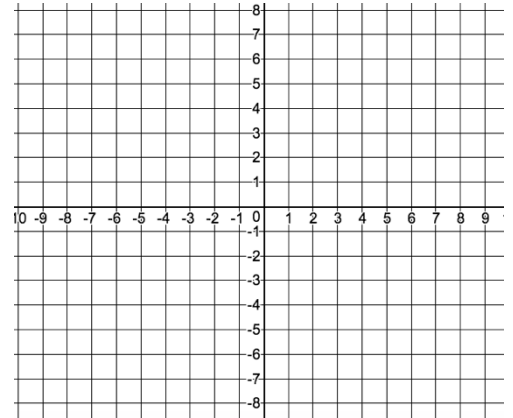
- 1) Determine if the object is symmetrical and write what type of symmetry exists. [5 pts]



- 2) Use the coordinate rule to perform the transformation. Label the image coordinates. [5 pts]

A(2,5) B(5, -4) C(-4, -3).

$$(x, y) \rightarrow (x - 5, y + 3)$$



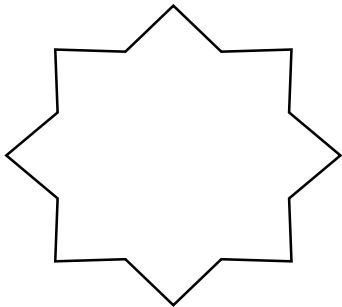
What type of transformation occurred? [4 pts]

Name: \_\_\_\_\_ Period: \_\_\_\_\_

**G-Review Assessment 1**

**C-Level**

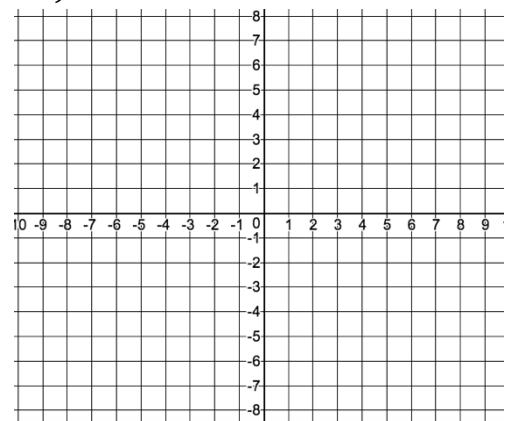
- 3) Determine if the object is symmetrical and write what type of symmetry exists. [5 pts]



- 4) Use the coordinate rule to perform the transformation. Label the image coordinates. [5 pts]

A(2,5) B(5, -4) C(-4, -3).

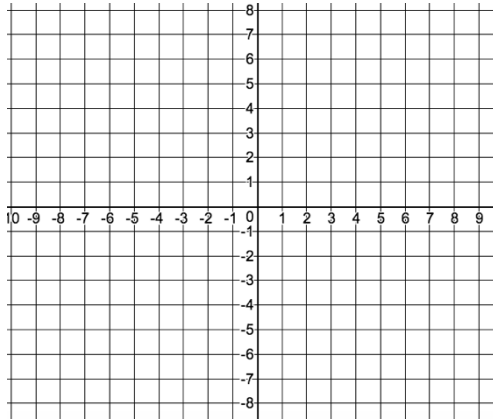
$$(x, y) \rightarrow (x - 5, y + 3)$$



What type of transformation occurred? [4 pts]

**B-Level**

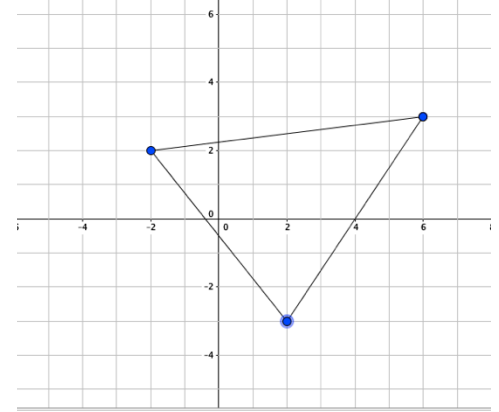
3) Graph the triangle with vertices at M(-5,2), N(-3,1) and P(-1,4). Transform the figure using the coordinate rule  $(x, y) \rightarrow (-x, y)$ . Label the points on the image. [3 pts]



What type of transformation occurred? Be specific. [1 pt]

**A-Level**

4) Reflect the given figure over the line  $y = x$ . Label the points on the image. [1 pt]

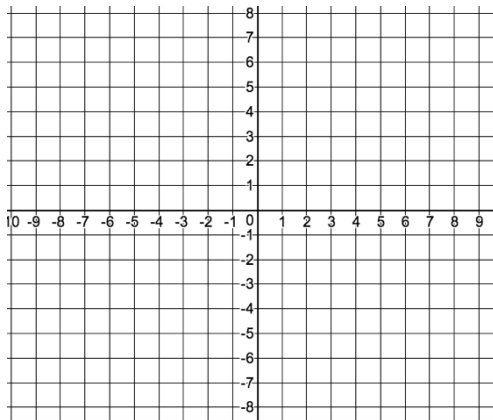


What type of transformation occurred? [0.5 pts]

What is the coordinate rule for this transformation? [0.5 pts]

**B-Level**

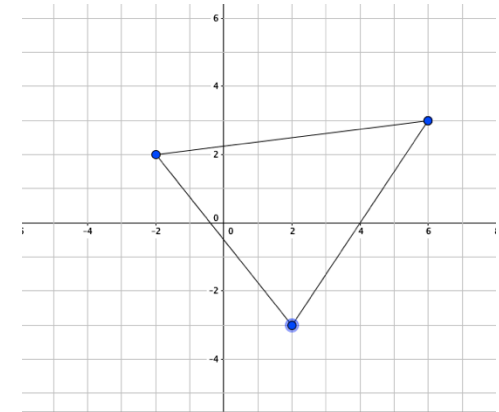
3) Graph the triangle with vertices at M(-5,2), N(-3,1) and P(-1,4). Transform the figure using the coordinate rule  $(x, y) \rightarrow (-x, y)$ . Label the points on the image. [3pts]



What type of transformation occurred? Be specific. [1 pt]

**A-Level**

4) Reflect the given figure over the line  $y = x$ . Label the points on the image. [1 pt]



What type of transformation occurred? [0.5 pts]

What is the coordinate rule for this transformation? [0.5 pts]

