

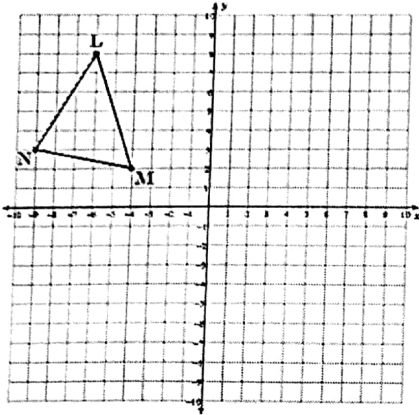
16. (G.CO.5) The coordinates of  $\triangle LMN$  are L (-6,8), M (-4,2), N(-10,4) and is translated  
 $(x, y) \rightarrow (x - 6, y + 4)$   
 What are the coordinates of the new figure?

L' \_\_\_\_\_

M' \_\_\_\_\_

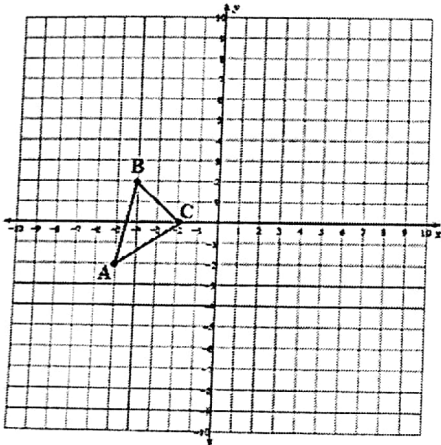
N' \_\_\_\_\_

17. (G.CO.5) Reflect  $\triangle LMN$  using the rule  $(x, y) \rightarrow (x, -y)$ .



What line did you reflect  $\triangle ABC$  across?

18. (G.CO.5) In the coordinate plane below, rotate  $\triangle ABC$  180 degrees about the origin.



What are the coordinates of the new figure? Graph and label the image.

A' \_\_\_\_\_

B' \_\_\_\_\_

C' \_\_\_\_\_

19. Write an example of an even, odd, and neither function.

a. NEITHER: \_\_\_\_\_

b. EVEN: \_\_\_\_\_

c. ODD: \_\_\_\_\_

20. Determine if the given functions are even, odd, or neither.

a.  $f(x) = 4x^2 + 6$  \_\_\_\_\_

b.  $f(x) = 9x$  \_\_\_\_\_