

Name \_\_\_\_\_  
Mrs. Roumbos

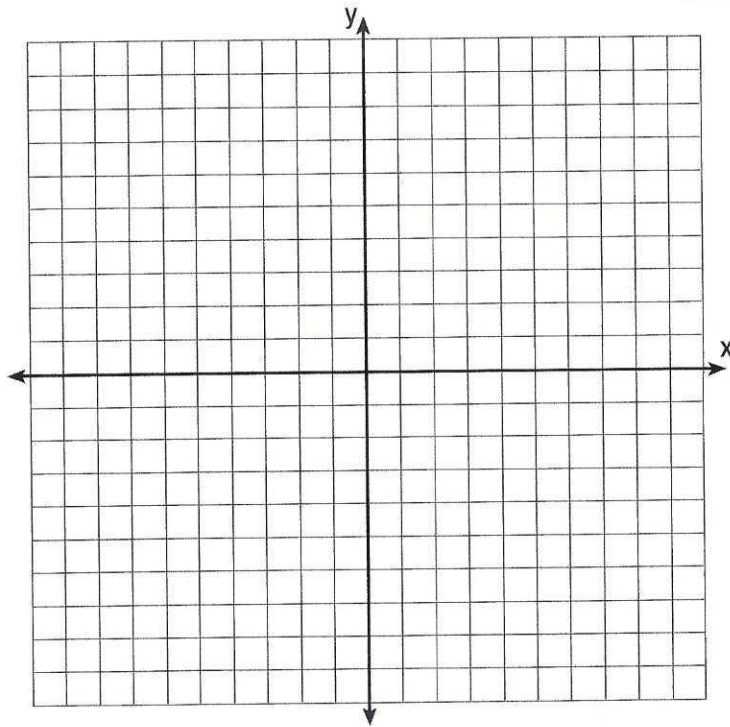
Date: \_\_\_\_\_  
8R Period \_\_\_\_\_

Do Now  
Line Reflections

1) Triangle ABC has the coordinates  $A(-1,3)$ ,  $B(-6,5)$ , and  $C(-4,7)$

On the following graph:

- a) Graph and label  $\triangle ABC$
- b) Graph the line  $y = 1$
- c) Graph and label  $\triangle A'B'C'$  the image of  $\triangle ABC$  after a reflection over  $y = 1$



## Do Now Continued

2) Quadrilateral MATH has the coordinates  $M(8,3)$ ,  $A(8,-2)$ ,  $T(5,-9)$ , and  $H(5,5)$ .

On the following graph:

- Graph and label quadrilateral MATH
- Graph the line  $x = 3$
- Graph and label quadrilateral  $M'A'T'H'$  the image of quadrilateral MATH after a reflection over the line  $x = 3$

$M'(\underline{\quad}, \underline{\quad})$   $A'(\underline{\quad}, \underline{\quad})$   $T'(\underline{\quad}, \underline{\quad})$   $H'(\underline{\quad}, \underline{\quad})$

