

MasterMath

Name _____

Transformations Part 2

Date _____

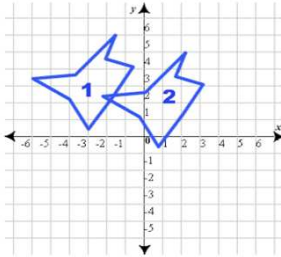
1. Find the new coordinates after reflect around the x axis

a	a'	b	b'	c	c'
(3, 2)		(-4, -2)		(6, 7)	
(22, 45)		(3, 9)		(14, -66)	
(12, 12)		(8, 8)		(4, 4)	

2. Find the new coordinates after reflect around the y axis

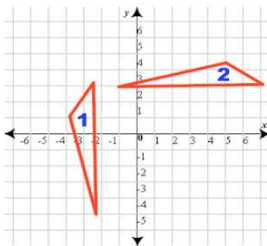
a	a'	b	b'	c	c'
(3, 2)		(-4, -2)		(6, 7)	
(22, 45)		(3, 9)		(14, -66)	
(12, 12)		(8, 8)		(4, 4)	

3. When the figure below was transformed from F1 to F2, what type of transformation did it go through?



4. Coordinate A of Figure 1 (not shown) was (-6, 12) before transformation. After transformation of Figure 1, Coordinate A' in Figure 1' was (6, 12). What transformation did it go through?

5. To transform Figure 1 into Figure 2, what two types of transformation were used?



6. These figures were reflected around the x axis. If vertex A has coordinates of (6, 5), what are the coordinates of vertex A'?

