Geometry	Transformation	Composition	Worksheet
		p	11.

N.T.		
Name		

Directions: Use graph paper to perform the following transformations. Fill in the chart with the coordinates of the image. Attach your graph paper to the worksheet!

the coordinates of the image. Attach your graph paper to the worksheet:	
1. Pre-image: A(0,0), B(8,1), C(5,5)	
Rotate the figure 180°	
Reflect the figure over the x-axis	
Translate the figure according to $(x,y) \rightarrow (x+6,y-1)$	
2. Pre-image: D(-12,6), E(-4,6), F(-6,9), G(-10,9)	
Translate the figure according to $(x,y) \rightarrow (x+1,y-6)$	
Reflect the figure over the x-axis	
Reflect the figure over the y-axis	
3. Pre-image: H(2,2), I(-2,2), J(-2,-2), K(2,-2)	
Rotate the figure 180°	
Translate the figure according to $(x,y) \rightarrow (x+2,y+2)$	
Reflect the figure over the line $y = x$	
4. Pre-image: L(7,2), M(0,9), N(-6,-5), P(1,-12)	
Reflect the figure over the y-axis	
Reflect the figure over the x-axis	
Rotate the figure 90° clockwise about the origin	