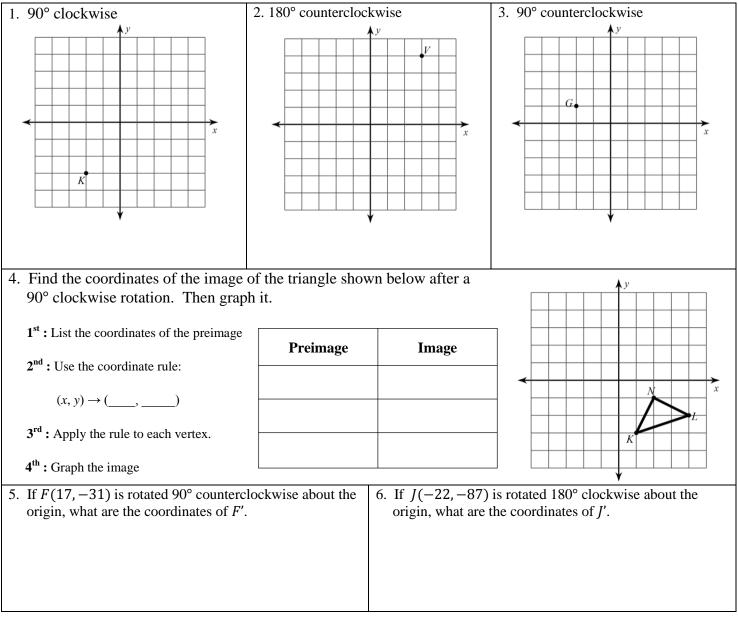
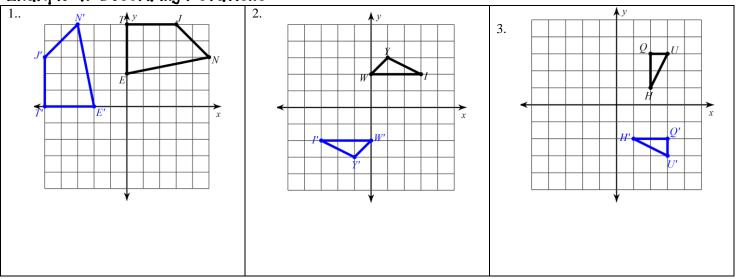


Example 1: Graph the rotation and list the coordinates of the image.



Example 4: Describing Rotations



DESCRIBING TRANFORMATIONS (What you need!!!)

	Translations	Reflections	Rotations
What to look for	• Shapes face the same direction, points are in corresponding spots	• Points are directly across from each other, equidistant	• Points are on crack
What to write	Coordinate notation	• Line of reflection	• Degree • Direction
Example	Ex: translation $(x, y) \rightarrow (x - 2, y + 8)$	Ex: reflection in the <i>x</i> -axis	Ex: rotation 90° counter- clockwise about the origin
Hint!	HINT! count the spaces horizontally then vertically from the preimage to the image	HINT! Fold your paper to help you find the reflection line	HINT! Count the # of quadrants the figure moves across

Example 5: Describe the transformations. (Be specific)

