## Directions:

Your goal is to come up with as many transformations as you can that would map square $A B C D$, shown in quadrant III, onto the unmarked square, shown in quadrant I. The transformations can be 1-step or multiple steps.

- The transformations must be specific - for example, do not just say "rotation." You must say how many units, how many degrees, which direction, etc.
- For each transformation you find, you must show, using the given diagrams, the final locations of $A^{\prime}$, $B^{\prime}, C^{\prime}$, and $D^{\prime}$.
- You may add more methods on the back if you think of them. Creative methods welcomed and encouraged!


