

On your paper, make the shape of the letter **L** : 3 cm high and 1 cm wide. Translate that figure down and to the right a few centimeters. (Simply redraw your **L**.)

Now choose and mark a point  $P$  and use that as the center to rotate your image  $70^\circ$  clockwise.

What single rigid motion would take your original figure to the last? Is the final image oriented the same or differently from the original?