

On your paper, make the shape of the letter **L** : 3 cm high and 1 cm wide. Choose and mark a point  $P$  and use that as the center to rotate your figure  $70^\circ$  clockwise.

Now draw a line  $m$  vertically on your paper and to the right of your image. Reflect the image through line  $m$ .

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