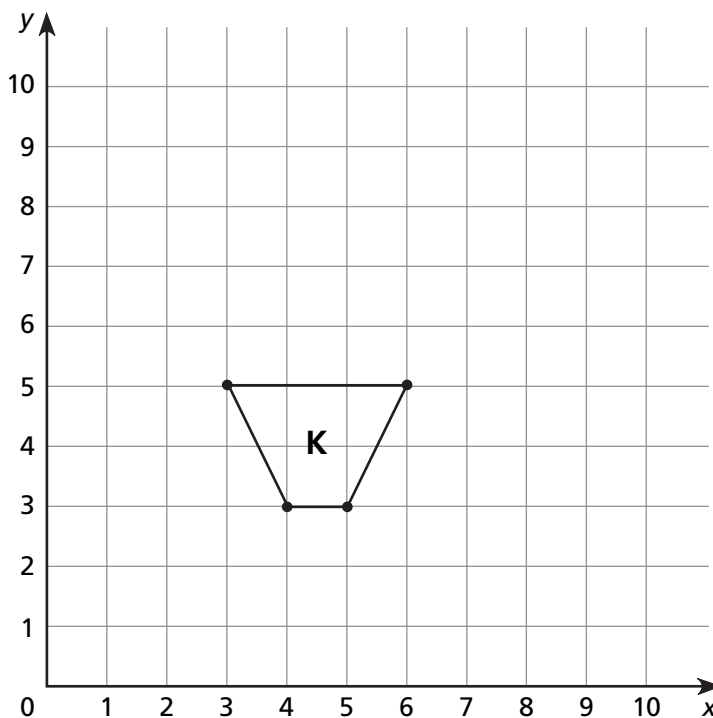


# Rotating Figures on a Grid

**Draw each figure.**

**Record the coordinates of the vertices of Figure K and the corresponding vertices of Figures L, M and N in the table below.**

- 1 To draw Figure L, rotate Figure K  $180^\circ$  around point (3,5).
- 2 To draw Figure M, rotate Figure L  $180^\circ$  around point (3,5).
- 3 To draw Figure N, rotate Figure L  $180^\circ$  around point (2,7).



K	L	M	N
(3,5)			
(6,5)			

- 4 What transformation will move Figure N onto Figure K?

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