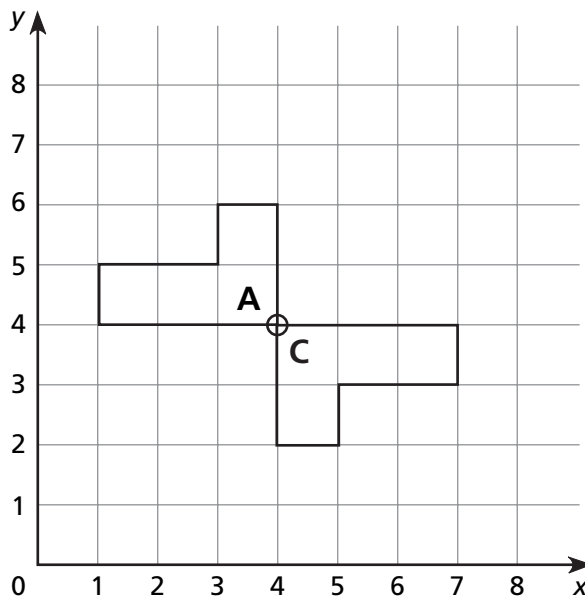


# Rotating Figures on a Grid

**Figures B, C, and D are rotations of Figure A around (4,4).**

- 1 Complete the table of coordinates for Figures C and D.

A	B	C	D
(4,6)	(2,4)		
(3,6)	(2,3)		
(3,5)	(3,3)		
(1,5)	(3,1)		(5,7)
(1,4)	(4,1)		(4,7)
(4,4)	(4,4)		(4,4)



- 2 Draw and label Figures B and D on the grid.



## Test Prep

- 3 Does the diagram show a translation, a reflection, or a rotation? If it is a rotation, show the point around which the figure is rotated. If it is a reflection, show the line over which it is reflected. If it is a translation, give directions to tell how much to add to or subtract from each coordinate.
- \_\_\_\_\_

