

Name: _____ Date: _____

Chapter 6 Crossword Puzzle

centre of rotation	clockwise	counter clockwise	dilation
enlargement	image	line of reflection	reduction
reflection	rotation	scale factor	successive translation
transformation	translation		

Use the clues to identify the words from Chapter 6. Then, write the words in the crossword puzzle blank.

Across

2. A transformation that turns an object around a fixed point
6. The end size or position of a figure after it has undergone a transformation
9. Moving in a circular direction: north → west → south → east
12. A transformation that enlarges or reduces a figure by a constant amount
13. The mirror line about which an object is reflected
14. The constant amount by which a figure is enlarged or reduced

Down

1. A pattern that is created by translating a figure multiple times using the same translation
3. A transformation that slides an object along a linear path without changing its size or orientation
4. A transformation in which an object is made smaller
5. Moving in a circular direction: north → east → south → west
7. A transformation in which an object is made bigger
8. A transformation in which an object is flipped about a line of reflection forming a mirror image
10. The fixed point around which an object is turned
11. Changing the position or size of a figure



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