Assessment Checklist **Chapter 6 Objectives**	**6.1** Determine whether a figure has reflection symmetry and to find the lines of symmetry for figures that do.	**6.1** Construct the reflected images of points and geometric figures over a line.	**6.1** Describe the relationship between the line of reflection and the segment joining a point to its reflective image.		**6.2** Recognize rotation symmetry.	**6.2** Determine the center of rotation and the angle of rotation given a figure and its rotated image.	**6.2** Construct the image of a figure under rotation and to iterate a rotation of a figure to create a new figure with rotation symmetry.	**6.2** Describe the relationship between the repetition of the identical elements and the angle of rotation for a figure with rotation symmetry.	
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Assessment Checklist **Chapter 6 Objectives, continued**	**6.3** Translate points and figures given a vector of translation.	**6.3** Determine the vector of translation given a pair of translated figures.	**6.3** Understand how to compose transformations and to analyze the results in terms of single transformations witht the same result.	**6.3** Enlarge or shrink diagrams on a coordinate grid by multiplying or dividing coordinates.							
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