

Content Standard	<b>MAFS.4.G</b> Geometry	
	<b>MAFS.4.G.1</b> Draw and identify lines and angles, and classify shapes by properties of their lines and angles.	
	<b>MAFS.4.G.1.3</b> Recognize a line of symmetry for a two-dimensional figure as a line across the figure such that the figure can be folded along the line into matching parts. Identify line-symmetric figures and draw lines of symmetry.	
Assessment Limits	Items that require constructing lines of symmetry should specify the shape category with regards to the number of sides (quadrilateral, triangle, pentagon, etc.).	
Calculator	No	
Acceptable Response Mechanisms	Equation Response Graphic Response – Drawing/Graphing Matching Item Response Multi-Select Response Multiple Choice Response	
Context	Allowable	
Example		
Context	A figure is given (more than one line of symmetry, one of them is in nontraditional orientation).	
Context easier	One line of symmetry (or zero). Lines of symmetry in figures are horizontal/vertical. Line of symmetry is perpendicular to the sides of the shape.	
Context more difficult	Number of lines of symmetry is a specific number greater than 1. Lines of symmetry in figures are not horizontal/vertical. Line of symmetry is not perpendicular to the sides of the shape.	
Sample Item Stem	Response Mechanism	Notes, Comments
Several figures are shown. Select all the figures that have a line of symmetry.  <ul style="list-style-type: none"> <li>○ A</li> <li>○ G</li> <li>○ H</li> <li>○ R</li> <li>○ Q</li> </ul>	Multi-Select Response	

<p>Several figures are shown.</p> <p>A. </p> <p>B. </p> <p>C. </p> <p>D. </p> <p>Which figure has a line of symmetry?</p>	<p>Multiple Choice Response</p>	
<p>A figure is shown.</p> <p></p> <p>How many lines of symmetry does the figure have?</p>	<p>Equation Response</p>	
<p>A figure is shown.</p> <p></p> <p>How many lines of symmetry does the figure have?</p>	<p>Equation Response</p>	