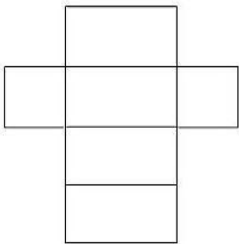
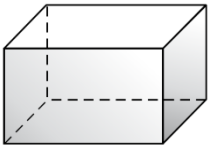
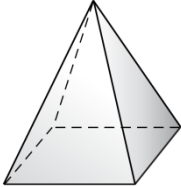
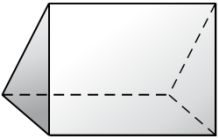
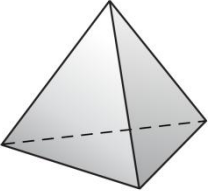
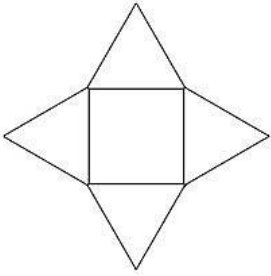
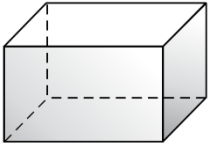
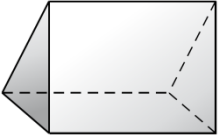
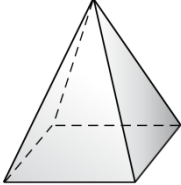
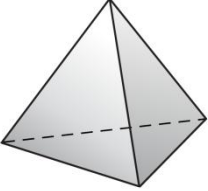
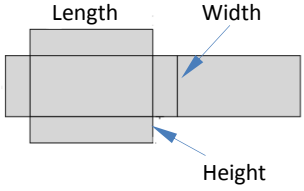


Content Standard	<p>MAFS.6.G Geometry</p> <p>MAFS.6.G.1 Solve real-world and mathematical problems involving area, surface area and volume</p> <p>MAFS.6.G.1.4 Represent three-dimensional figures using nets made up of rectangles and triangles, and use the nets to find the surface area of these figures. Apply these techniques in the context of solving real-world and mathematical problems.</p>	
Assessment Limits	<p>Numbers in items must be positive rational numbers.</p> <p>Three-dimensional figures are limited to rectangular prisms, triangular prisms, rectangular pyramids, and triangular pyramids.</p>	
Calculator	No	
Item Types	<p>Equation Editor</p> <p>GRID</p> <p>Matching Item</p> <p>Multiple Choice</p> <p>Multiselect</p>	
Context	Allowable	
Sample Item		
	<p>A net is shown.</p>  <p>Which three-dimensional figure is represented by the net?</p> <p>A. </p> <p>B. </p> <p>C. </p> <p>D. </p>	<p>Item Type</p> <p>Multiple Choice</p>

Sample Item	Item Type
<p>A net is shown.</p>  <p>Which three-dimensional figure is represented by the net?</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>A.</p>  </div> <div style="text-align: center;"> <p>C.</p>  </div> </div> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>B.</p>  </div> <div style="text-align: center;"> <p>D.</p>  </div> </div>	Multiple Choice
<p>The surface area of a rectangular prism is 115 square inches. The net of the prism is shown.</p>  <p>not to scale</p> <p>What are possible dimensions of the prism?</p> <p>A. $2, 4, 6\frac{1}{2}$</p> <p>B. $2, 4, 8\frac{1}{4}$</p> <p>C. $3, 6, 6\frac{1}{2}$</p> <p>D. $3, 6, 8\frac{1}{4}$</p>	Multiple Choice

Sample Item	Item Type												
<div style="text-align: right; margin-bottom: 10px;">Equation Editor</div> <p>Carl is shipping a cardboard box that is a rectangular prism. The net of Carl's box is shown.</p> <div style="text-align: center; margin: 20px 0;"> </div> <p>What is the area of cardboard, in square inches, required for Carl's box?</p> <div style="border: 1px solid #ccc; height: 25px; margin-bottom: 5px;"></div> <div style="border: 1px solid #ccc; padding: 5px;"> <div style="display: flex; align-items: center; border-bottom: 1px solid #ccc; margin-bottom: 5px;"> ← → ↶ ↷ ✖ </div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td></tr> <tr><td>0</td><td>.</td><td>$\frac{\Box}{\Box}$</td></tr> </table> </div>		1	2	3	4	5	6	7	8	9	0	.	$\frac{\Box}{\Box}$
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4	5	6											
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