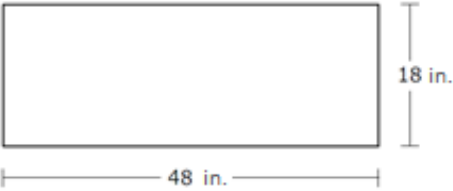
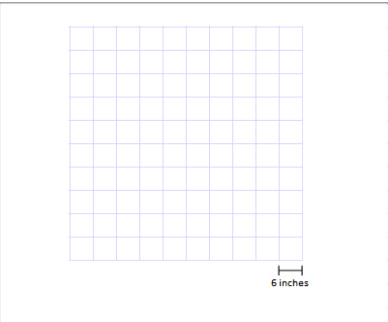
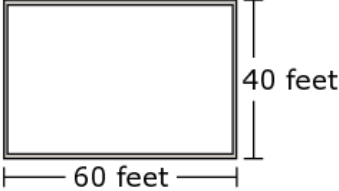


Content Standard	<p><b>MAFS.7.G Geometry</b></p> <p><b>MAFS7.G.1 Draw, construct, and describe geometrical figures and describe the relationships between them.</b></p> <p><b>MAFS.7.G.1.1</b> Solve problems involving scale drawings of geometric figures, including computing actual lengths and areas from a scale drawing and reproducing a scale drawing at a different scale.</p>	
Assessment Limit	Geometric figures must be two-dimensional polygons.	
Calculator	Yes	
Item Type	Equation Editor GRID Matching Item Multiple Choice Multiselect	
Context	Allowable	
Sample Item		Item Type
<p>A rectangle with its dimensions, in inches (in), is shown.</p>  <p>Use the Connect Line tool to create a scale drawing of the rectangle.</p> 		GRID
<p>Lisa drew a picture of a boat. She used the scale shown.</p> <p>1 inch : 6 feet</p> <p>The boat in her picture is 7 inches long.</p> <p>What is the length, in feet, of the actual boat?</p>		Equation Editor

Sample Item	Item Type
<p>Lisa drew a picture of a boat. She used the scale shown.</p> <p>1 inch : 6.5 feet</p> <p>The boat in her picture is 7.25 inches long.</p> <p>What is the length, in feet, of the actual boat?</p>	Equation Editor

Eric wants to create a scale drawing of a house.



The scale drawing needs to fit on a piece of paper that is 6 inches wide. The drawing itself must be at least 3 inches wide.

A. Drag numbers into the box to show an appropriate scale for the drawing.

B. Use the Connect Line tool to create a drawing based on the scale you chose in Part A.

**GRID**

0
Delete 
Add Point 
Connect Line

**A. Scale** =  feet

1 inch

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**B. Scale Drawing**

1 inch