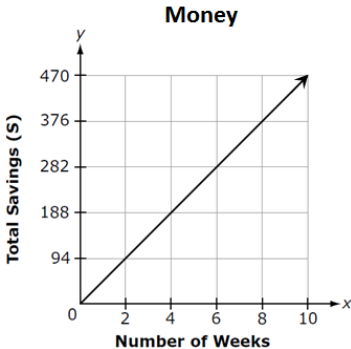
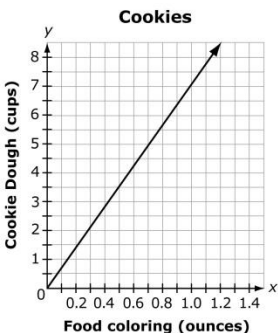
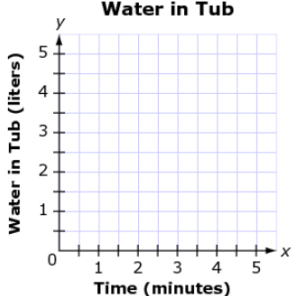


Content Standard	<p><b>MAFS.8.EE Expressions and Equations</b></p> <p><b>MAFS.8.EE.2</b> Understand the connections between proportional relationships, lines, and linear equations.</p> <p><b>MAFS.8.EE.2.5</b> Graph proportional relationships, interpreting the unit rate as the slope of the graph. Compare two different proportional relationships represented in different ways. For example, compare a distance-time graph to a distance-time equation to determine which of two moving objects has greater speed.</p>	
Assessment Limit	Numbers in items must be rational numbers.	
Calculator	Yes	
Item Types	Equation Editor GRID Matching Item Multiple Choice Multiselect Open Response	
Context	Allowable	
Sample Item		
<p>The graph of a proportional relationship is shown.</p>  <p>What is the unit rate?</p>		Equation Editor
<p>The graph of a proportional relationship is shown.</p>  <p>What is the unit rate?</p>		Equation Editor

Sample Item	Item Type
<p>A tub that holds 18 liters of water fills with 2 liters of water every 2.5 minutes.</p> <p>A. Use the Add Arrow tool to create a graph that models the situation for the first 5 minutes.</p> <p>B. At what rate is the tub filling with water? Drag symbols to the circle and numbers to the boxes to show the rate.</p> <div data-bbox="646 247 1218 714"> <div> 0 1 2 3 4 5 6 7 8 9 + - </div> <div> <div> Delete Add Point Add Arrow </div> <div> <p><b>A.</b></p>  <p><b>B.</b></p> <p>Rate: <div><div></div><div></div><div></div><div></div><div></div><div></div></div></p> </div> </div> </div>	<p>GRID</p>