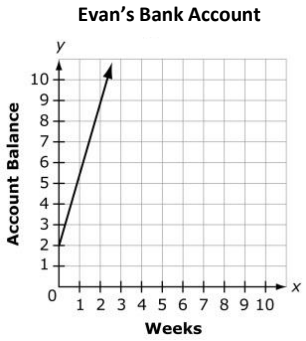
Content Standard	***MAFS.6.EE*** *Expressions and Equations* ***MAFS.6.EE.3*** *Represent and analyze quantitative relationships between dependent and independent variables.* ***MAFS.6.EE.3.9*** Use variables to represent two quantities in a real-world problem that change in relationship to one another; write an equation to express one quantity, thought of as the dependent variable, in terms of the other quantity, thought of as the independent variable. Analyze the relationship between the dependent and independent variables using graphs and tables, and relate these to the equation. *For example, in a problem involving motion at constant speed, list and graph ordered pairs of distances and times, and write the equation d = 65t to represent the relationship between distance and time.*
Assessment Limits	Items must involve relationships and/or equations of the form $y = px$ or $y = x + p$. Numbers in items must be positive rational numbers (zero can be used in the graph and table). Variables need to be defined. Relationships are to be continuous.
Calculator	No
Item Types	Equation Editor GRID Matching Item Multiple Choice Multiselect Table Item
Context	Required

Sample Item	Item Type
A graph of Evan's bank account is shown. What are the dependent and independent variables?  		Dependent	Independent
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Weeks	☐	☐
Account Balance	☐	☐		Matching Item

<table>
<tr><th>Sample Item</th><th>Item Type</th></tr>
<tr><td>The table shows the total amount of money Evan has saved for 5 consecutive weeks. Write an equation that can be used to determine his savings after any number of weeks.

<table><tr><th>Week</th><th>Amount Saved ($)</th></tr><tr><td>1</td><td>70</td></tr><tr><td>2</td><td>90</td></tr><tr><td>3</td><td>110</td></tr><tr><td>4</td><td>130</td></tr><tr><td>5</td><td>150</td></tr></table></td><td>Equation Editor</td></tr>
<tr><td>Evan saves the same amount of money each week. The table shows the amount of money Evan has saved for several weeks.

Complete the table to show Evan’s weekly savings.

<table><tr><th>Week</th><th>Amount ($)</th></tr><tr><td>0</td><td>0</td></tr><tr><td>2</td><td>14</td></tr><tr><td>3</td><td></td></tr><tr><td>5</td><td>35</td></tr></table></td><td>Table Item</td></tr>
</table>