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		Equation of the form $y = px$ or $y = x + p$.		
		Positive rational numbers (zero can be used in graph and table).		
		Variables need to be defined.		
		Relationships are to be continuous.		
Calculator		No		
Acceptable		Equation Response		
Response		Graphic Response — Drawing		
Mechanisms		Matching Item Response		
		Multiple Choice Response		
		Multi-Select Response		
		Table Response		
Context		Required		
Example Contact A translation items where the student read to get values from a graph on table		•		
Context	Context A translation item where the student needs to get values from a graph or table.			
	Evan is saving money for a small trip with friends. The graph below models the amount of money he has saved after several weeks. Write an equation that can be used to calculate the amount of money in his savings account, s, after w weeks.			
Context	A straightforward translation item with the information given in paragraph form.			
easier	Evan saves \$20 each week. Write an equation that can be used to find the total amount Evan has			
Context	saved, s, after w weeks. Give a partially filled in table and ask for an equation			
more	Give a partially filled in table and ask for an equation.			
difficult	Evan saves the same amount of money each week. The table below shows the amount of money Evan has saved for several weeks. Fill in the missing amounts in the table, and then write an equation that can be used to identify the amount of money Evan has saved, s, after w weeks.			
(The table for example can show weeks 0, 2, and 4. The student can fill in weeks 1 a				

Sample Item Stem	Response	Notes, Comments
	Mechanism	
A graph of Evan's bank account is	Multiple	
shown. What are the dependent and	Choice	
independent variables?	Response	
	Matching	
	Item	
5	Response	
Evan saves \$20 each week. Write an	Equation	
equation that Evan can use to	Response	
determine the amount he has saved, s, after w weeks.		
The table shows the total amount of	Equation	
money Evan has saved for 5	Response	
consecutive weeks. Write an equation that can be used to determine his		
savings after any number of weeks.		
Evan saves the same amount of money	Table	
each week. The table below shows the	Response	
amount of money Evan has saved for	пезропае	
several weeks.		
Fill in the missing amounts in the table.		
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Then, write an equation that can be		
used to identify the amount of money		
Evan has saved, s, after w weeks.		
(The table for example can show weeks		
0, 2, and 4. The student can fill in weeks		
1 and 3.)		