Content Standard	MAFS.8.F Functions	
	MAFS.8.F.2 Use functions to model relationships between quantities.	
	MAFS.8.F.2.4 Construct a function to model a linear relationship be quantities. Determine the rate of change and initial value of the fundescription of a relationship or from two (x, y) values, including reactable or from a graph. Interpret the rate of change and initial value of function in terms of the situation it models, and in terms of its graph values.	ction from a ling these from a of a linear
Assessment Limits	Function notation may not be used. Functions must be linear. Rate of change must be simple fractions up to tenths.	
Calculator	Neutral	
Item Types	Equation Editor GRID Matching Item Multiple Choice Multiselect Open Response Table Item	
Context	Allowable	
Sample Item	Tillowable	Item Type
Days (d) Cost (d) 2 \$105 4 \$195 5 \$240 6 \$285		Equation Editor

Sample Item Type

Equation Editor

A rental car company has a linear pricing plan. The total cost, C, to rent a car for 2, 4, 6, and 10 days, d, is shown.

Days (d)	Total Cost (<i>C</i>)
2	\$105
4	\$195
6	\$285
10	\$465

- A. What is the daily rate for the pricing plan?
- B. Write an equation that represents the pricing plan.

A.

B.

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