Name Date Time

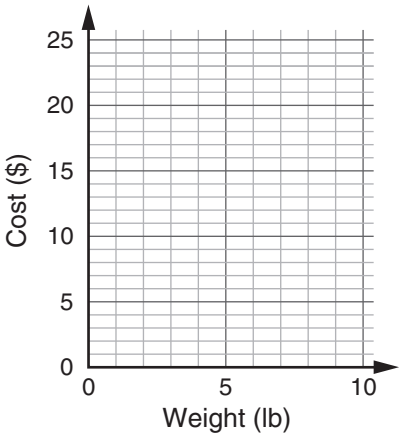
STUDY LINK 10•4

Representing Rates

Complete each table below. Then graph the data and connect the points.

1. a. Cherry tomatoes cost $2.50 per pound.
Rule: Cost = $2.50 ∗ number of pounds

Weight (lb) (w)	Cost ($) ($2.50 ∗ w$)
1	
3	
	15.00
10	



b. Plot a point to show the cost of 8 pounds.
How much would 8 pounds of cherry tomatoes cost? _____

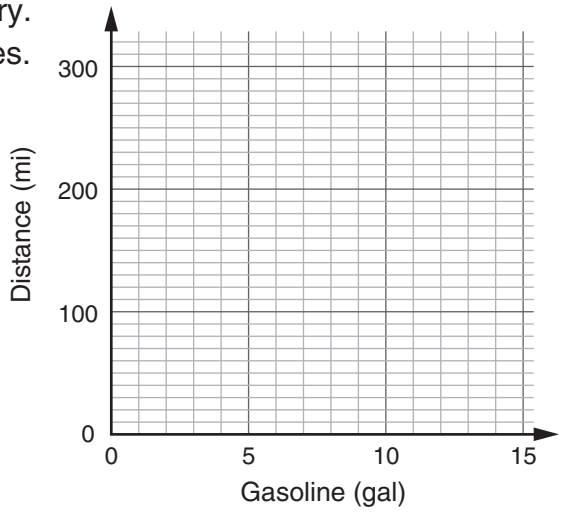
c. Would you use the graph, the rule, or the table to find out how much 50 pounds of cherry tomatoes would cost? Explain.

_____

_____

2. a. Chantel is planning a trip to drive across country. Her car uses 1 gallon of gasoline every 24 miles.
Rule: distance = 24 ∗ number of gallons

Gasoline (gal) (g)	Distance (mi) ($24 ∗ g$)
1	
4	
	168
13	



b. Plot a point to show the distance the car would travel on 6 gallons of gasoline. How many miles would it go? _____

c. Would you use the graph, the rule, or the table to find out how far the car would travel on 9 gallons of gasoline? Explain. _____

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