

Chapter Quiz

Find each unit rate. Round to the nearest hundredth if necessary.

- 325 meters in 28 seconds
- 128 pounds of dog food for 16 dogs
- The costs of different sizes of bottled sport drink are shown. Which bottle costs the least per ounce?

Size	8 oz	16 oz	24 oz	32 oz
Price	\$0.89	\$1.09	\$1.89	\$2.39

- DRIVE** Rupert drove home at an average rate of 58 miles per hour. Find his rate in feet per second. Round to the nearest tenth.

Determine if the situations represent proportional relationships. Then explain your reasoning.

- JOBS** The table shows the amount Maggie earns each hour she babysits.

Earnings (\$)	12	18	24
Time (h)	2	3	4

- SHAMPOO** The table shows the cost of shampoo at a discount store.

Cost (\$)	2.95	4.50	6.05
Number of Bottles	1	2	3

- Myra can fill 18 glasses with 2 containers of iced tea. How many glasses can she fill with 3 containers of tea?

1. 11.61 m/s

2. 8 pounds per dog

3. 16 oz

7. 85.1 ft/s

8. yes; Sample answer: The earnings to time ratios are all equal.

9. no; Sample answer: the cost to the number of bottles ratios are not equal.

10. 27 glasses