

**5.3 Exercises**



## Vocabulary and Concept Check

1. **WRITING** Describe a unit rate that you use in real life.

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2. **DIFFERENT WORDS, SAME QUESTION** Which is different? Find “both” answers.

What is the cost per bagel?

What is the cost per dozen bagels?

What is the unit cost of a bagel?

How much does each bagel cost?



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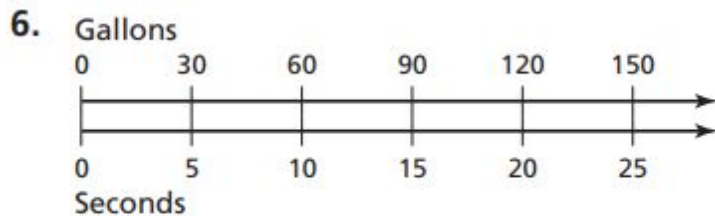
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## Practice and Problem Solving

Write a rate that represents the situation.



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Write a unit rate for the situation.

8. 18 necklaces made in 3 hours

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10. 228 students in 12 classes

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12. 880 calories in 8 servings

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14. \$12.50 for 5 ounces

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16. **HEART RATE** Your heart beats 240 times in 4 minutes.  
How many times does your heart beat each minute?

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18. **5K RACE** You jog 2 kilometers in 12 minutes. At this  
rate, how long will it take you to complete a 5-kilometer race?

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**Decide whether the rates are equivalent.**

20. 126 points every 3 games  
210 points every 5 games

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22. \$16 for 4 pounds  
\$1 for 4 ounces

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25. **FOOD DRIVE** The table shows the amounts of food collected by two homerooms. Homeroom A collects 21 additional items of food. How many more items does Homeroom B need to collect to have more items per student?

	Homeroom A	Homeroom B
Students	24	16
Canned Food	30	22
Dry Food	42	24



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27. **Logic** You can do one-half of a job in an hour. Your friend can do one-third of the same job in an hour. How long will it take to do the job if you work together?

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