

Name: \_\_\_\_\_



PRACTICE



TUTORIAL

# Practice & Problem Solving



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**Leveled Practice** In 8 and 9, find each unit price.

8. 9 pens for \$3.60

$$\frac{\$3.60 \div 9}{9 \div 9} = \frac{\boxed{\phantom{000}}}{1}$$

9. 15 ounces of canned beans for \$2.25

$$\frac{\$2.25 \div \boxed{\phantom{00}}}{15 \div \boxed{\phantom{00}}} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

In 10 and 11, determine which is the better value.

10. 3 kilograms of charcoal for \$7.95 or  
5 kilograms of charcoal for \$12.50

11. 50 envelopes for \$2.49 or  
90 envelopes for \$5.50

In 12–15, compare the rates to find which is greater.

12. 35 points in 20 minutes or 49 points in  
35 minutes

13. 12 laps in 8 minutes or 16 laps in 10 minutes

14. 45 strikeouts in 36 innings or 96 strikeouts in  
80 innings

15. 480 stickers on 6 sheets or 120 stickers on  
2 sheets

In 16–18, compare the rates to find which is the better value.

16. \$27 for 4 large pizzas or \$32 for 5 large pizzas

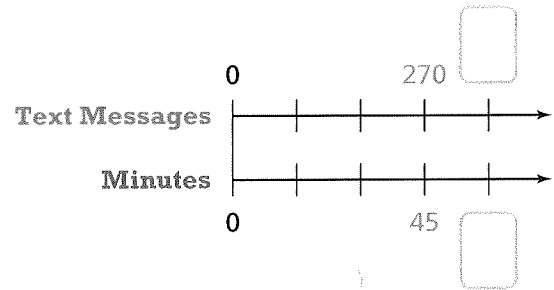


17. \$30 for 100 flyers or \$65 for 250 flyers

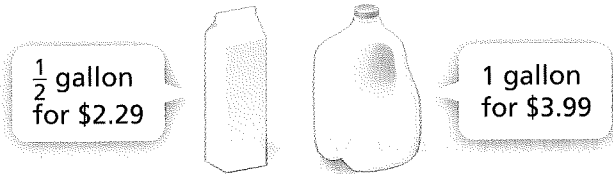
18. 36 pictures for \$8 or 24 pictures for \$5



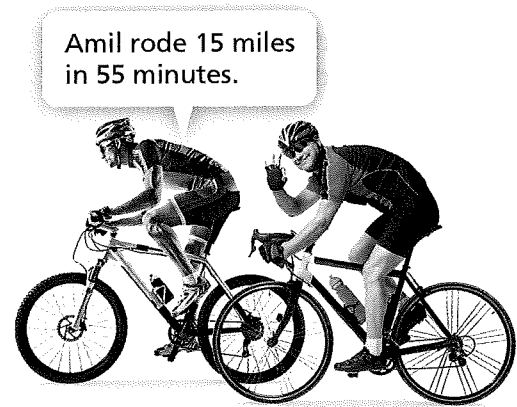
19. **Model with Math** Katrina and Becca exchanged 270 text messages in 45 minutes. An equal number of texts was sent each minute. The girls can send 90 more text messages before they are charged additional fees. Complete the double number line diagram. At this rate, for how many more minutes can the girls exchange texts before they are charged extra?



20. **Reasoning** Which container of milk would you buy? Explain.



21. **Higher Order Thinking** Amil and Abe rode in a bike-a-thon. Abe rode for 77 minutes at a faster rate per mile than Amil. Find Amil's unit rate. Then explain how you could use it to find a possible unit rate for Abe.



## Assessment Practice

22. A food warehouse sells cans of soup in boxes. Bargain shoppers have four options. Complete the table to find the unit price for each option. Identify the best value.

Boxes of Soup	Unit Price
12 cans for \$10.56	<input type="text"/>
16 cans for \$13.60	<input type="text"/>
20 cans for \$17.20	<input type="text"/>
24 cans for \$21.36	<input type="text"/>

