



PRACTICE



TUTORIAL

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

# Practice & Problem Solving

Scan for  
Multimedia

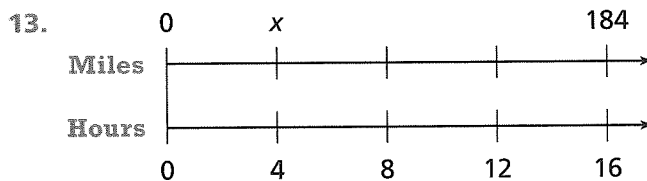
In 10 and 11, write each statement as a rate.

10. Jan saw 9 full moons in 252 days.

11. It took Hannah 38 minutes to run 8 laps.

In 12 and 13, find the value of  $x$ .

Fish	16	48
Bowls	2	$x$



Leveled Practice In 14 and 15, find the unit rate.

14.  $\frac{320 \text{ mi}}{16 \text{ gal}}$

$$\frac{320 \div 16}{16 \div 16} = \frac{\square}{1}$$

$$\frac{\square \text{ mi}}{1 \text{ gal}}$$

15.  $\frac{75 \text{ cm}}{5 \text{ h}}$

$$75 \div \square = \frac{\square}{1}$$

$$\frac{\square \text{ cm}}{1 \text{ h}}$$

In 16–19, complete each table.

16.

Pages	9	<input type="text"/>	<input type="text"/>	<input type="text"/>
Minutes	18	1	10	15

17.

Beans	186	<input type="text"/>	<input type="text"/>	<input type="text"/>
Bags	3	1	7	11

18.

Ounces	<input type="text"/>	24.6	<input type="text"/>	123
Bags	1	2	5	<input type="text"/>

19.

Miles	25	<input type="text"/>	125	<input type="text"/>
Gallons	<input type="text"/>	3	5	12



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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

