In-Class Practice

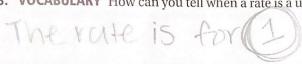








3. VOCABULARY How can you tell when a rate is a unit rate?



4. WRITING Explain why rates are usually written as unit rates.

It is easier to compane the many per one first

Find the unit rate. - DIVIDE

5. \$1.32 for 12 ounces

1.32 -12=0.11

\$0.11:107

6. $\frac{1}{4}$ gallon for every $\frac{3}{10}$ mile

4:30=56

5 gal: Imi

7. **FINDING UNIT RATES** Find the missing values in the ratio table. Then write the unit rate of grams per cup and the unit rate of cups per gram.

To find unit rate divide

Y	Cups	3	
	5.4	-32	
	2 15	3	C
	1:	15	
	1 "	و بال	,
	-	10	

Going from cups
to grams = 4

Going from grams
to cups of

Section 4.3

Concepts, Skills, & Problem Solving

WRITING RATES Find the number of degrees moved by the minute hand of a clock in the given amount of time. Explain your reasoning. (See Exploration 1.)

8.
$$\frac{2}{3}$$
 hour

9.
$$\frac{7}{12}$$
 hour

10.
$$1\frac{1}{4}$$
 hours

FINDING UNIT RATES Find the unit rate. (See Example 1.)

11. 180 miles in 3 hours

60 mi; 1 h/

12. 256 miles per 8 gallons

32mi: 1901

▶13. $\frac{1}{2}$ pound: 5 days

115. I day

14. 4 grams for every $\frac{3}{4}$ serving

53911 serving

15. \$9.60 for 4 pounds

16. \$4.80 for 6 cans

17. 297 words in 5.5 minutes

18. $\frac{1}{3}$ kilogram: $\frac{2}{3}$ foot

19. $\frac{5}{8}$ ounce per $\frac{1}{4}$ pint

20. $21\frac{3}{4}$ meters in $2\frac{1}{2}$ hours

USING TOOLS Find the missing values in the ratio table. Then write the equivalent ratios.

Calories	25	50		
Servings	$\frac{1}{3}$		1	$\frac{4}{3}$

22.

Oxygen (liters)	4	$\frac{4}{3}$		16
Time (minute)	$\frac{3}{4}$		1	