

Write the ratio. Explain what the ratio means.

1. scooters : bikes



2. starfish : seashells



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

Lemons	4		36
Limes	2	6	

Rabbits	2	4	
Hamsters	9		54

Write a unit rate for the situation.

5. \$54.00 for 3 tickets

6. 210 miles in 3 hours

Write the fraction or mixed number as a percent.

7.  $\frac{21}{25}$

8.  $\frac{17}{20}$

9.  $1\frac{2}{5}$

Find the percent of the number. Explain your method.

10. 80% of 90

11. 30% of 50

12. 120% of 75

Find the whole. Explain your method.

13. 34 is 40% of what number?

14. 52 is 130% of what number?

Copy and complete the statement. Round to the nearest hundredth if necessary.

15. 5 L  $\approx$   qt

16. 56 lb  $\approx$   kg

17. **SOUP** There are 600 milligrams of sodium in 4 ounces of Soup A, and there are 720 milligrams of sodium in 6 ounces of Soup B. You prepare an 18-ounce bowl of each soup. Which bowl of soup contains more sodium?



18. **ORANGE JUICE** A 48-fluid-ounce container of orange juice costs \$2.40. A 60-fluid-ounce container of orange juice costs \$3.60. Which is the better buy?

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19. **DOWNLOAD** Your computer displays the progress of a downloading video. What fraction of the video is downloaded? Write your answer in simplest form.

20. **GLASSES** In a class of 20 students, 40% are boys. Twenty-five percent of the boys and 50% of the girls wear glasses. How many students wear glasses?