

Unit 2: Fractions as Quotients and Fraction Multiplication

PRACTICE · SET 4

Name: _____ Date: _____

Solve each problem. Show your answer as a whole number or a fraction in simplest form.

1. A camp counselor pours 5 liters of lemonade equally into 8 water bottles. How many liters of lemonade go into each bottle?

Answer: _____

3. Maya collected 20 seashells. $\frac{3}{4}$ of them are white. How many white seashells did she collect?

Answer: _____

5. In a school garden, $\frac{3}{5}$ of the garden is planted with herbs. Of those herbs, $\frac{2}{3}$ are basil. What fraction of the whole garden is basil?

Answer: _____

7. A 4-meter roll of ribbon is cut into 6 equal pieces. How long is each piece, in meters?

Answer: _____

9. A jug holds $\frac{4}{5}$ liter of apple juice. The soccer team drinks $\frac{5}{6}$ of the juice. How many liters did they drink?

Answer: _____

11. A park worker splits 15 cups of birdseed equally among 4 bird feeders. How many cups go in each feeder? Write your answer as a fraction.

Answer: _____

2. Nine small pizzas are shared equally by 12 students. How much pizza does each student get? Write your answer in simplest form.

Answer: _____

4. One batch of granola uses $\frac{2}{5}$ cup of oats. How many cups of oats are needed for 6 batches? Write your answer as a fraction.

Answer: _____

6. Compute $\frac{1}{2} \times \frac{7}{9}$.

Answer: _____

8. Omar has 32 stickers. $\frac{3}{8}$ of them are shiny. Half of the shiny stickers are stars. How many star stickers does Omar have?

Answer: _____

10. Ravi has 18 marbles. He says that $\frac{5}{6} \times 18$ is more than 18. Is Ravi right? Answer yes or no.

Answer: _____

12. A rectangular photo is $\frac{3}{4}$ meter wide and $\frac{2}{3}$ meter tall. What is its area in square meters?

Answer: _____