

Unit 2: Fractions as Quotients and Fraction Multiplication

PRACTICE · SET 3

Name: _____ Date: _____

Solve each problem and show your answer in simplest form; write fractions like $\frac{3}{4}$ and mixed numbers like $1\frac{1}{2}$.

1. Write the division $7 \div 12$ as a fraction.

Answer: _____

3. 6 cousins share 8 ice pops equally. How many ice pops does each cousin get? Write your answer as a mixed number.

Answer: _____

5. One lap of the school track is $\frac{3}{4}$ of a kilometer. Kim runs 9 laps. How many kilometers does she run? Write your answer as a mixed number.

Answer: _____

7. Multiply: $\frac{4}{9} \times \frac{3}{8}$

Answer: _____

9. A bag holds 24 marbles. $\frac{5}{8}$ of the marbles are blue. How many marbles are blue?

Answer: _____

11. Without multiplying it out, is the product $\frac{7}{8} \times 6$ less than 6? Answer yes or no.

Answer: _____

2. Write the fraction $\frac{5}{9}$ as a division expression using $\div$.

Answer: _____

4. Write $22 \div 8$ as a mixed number in simplest form.

Answer: _____

6. Find $\frac{1}{6}$ of 42.

Answer: _____

8. Multiply: $\frac{5}{6} \times \frac{9}{10}$

Answer: _____

10. A bottle is $\frac{5}{6}$ full of juice. Sam drinks $\frac{2}{5}$ of the juice that is in the bottle. What fraction of a full bottle did Sam drink?

Answer: _____

12. A ribbon 9 meters long is cut into 4 equal pieces. Jo uses $\frac{2}{3}$ of one piece. How many meters of ribbon does Jo use? Write your answer as a mixed number.

Answer: _____