

Unit 3: Multiplying and Dividing Fractions

PRACTICE · SET 6

Name: _____ Date: _____

Solve each problem. Write fractions in simplest form.

1. Multiply. $\frac{3}{4} \times \frac{2}{9} = ?$

Answer: _____

3. A fish tank holds 8 liters of water. Ben scoops the water out with a cup that holds $\frac{1}{5}$ of a liter. How many full cups does he scoop?

Answer: _____

5. Multiply. $\frac{7}{10} \times \frac{5}{6} = ?$

Answer: _____

7. Divide. $\frac{1}{5} \div 8 = ?$

Answer: _____

9. A rectangular sticker is $\frac{3}{8}$ of an inch long and $\frac{2}{5}$ of an inch wide. What is the area of the sticker in square inches?

Answer: _____

11. Is the product $\frac{2}{3} \times \frac{5}{6}$ greater than $\frac{1}{2}$? Answer yes or no.

Answer: _____

2. One sheet of origami paper covers $\frac{2}{3}$ of a square foot. Maya folds a crane using $\frac{3}{5}$ of the sheet. How many square feet of paper are in the crane?

Answer: _____

4. Priya has $\frac{1}{3}$ of a bag of guinea pig food. She shares it equally among 4 guinea pigs. What fraction of the bag does each guinea pig get?

Answer: _____

6. Divide. $12 \div \frac{1}{6} = ?$

Answer: _____

8. A pitcher holds $\frac{3}{4}$ of a liter of lemonade. Rosa pours $\frac{2}{3}$ of the lemonade into a thermos. Then she drinks $\frac{1}{2}$ of what is in the thermos. How many liters does she drink?

Answer: _____

10. A bottle holds $\frac{1}{2}$ of a liter of glitter glue. Mr. Diaz pours it equally into 5 small cups. How many liters of glue are in each cup?

Answer: _____

12. Ms. Lee has 3 liters of paint. She fills jars that each hold $\frac{1}{8}$ of a liter. Then she gives away $\frac{1}{3}$ of the jars. How many jars does she give away?

Answer: _____