Name: _____

Dividing Unit Fractions Word Problems

Solve each problem.

1. How many 1/8-hour practice sessions fit in 8 hours?

Answer: _____

2. How many 1/4-cup servings are in 6 cups of yogurt?

Answer: _____

3. Ms. Lee has 8 pounds of clay. Each student gets 1/3 pound. How many students get clay?

Answer: _____

4. A 6-foot board is cut into pieces that are each 1/8 foot long. How many pieces are there?

Answer: _____

5. A 1/2-liter bottle of water is poured equally into 3 glasses. How much water is in each glass?

Answer: _____

6. Each bracelet uses 1/8 yard of string. How many bracelets can be made from 6 yards?

Answer: _____

7. 1/3 gallon of paint covers a wall. It is split equally into 2 cans. How much paint is in each can?

Answer: _____

8. 1/3 of a garden is split equally into 3 rows. What fraction of the garden is each row?

Answer: _____

9. 1/8 of a cake is shared equally by 8 people. What fraction of the whole cake does each person get?

Answer: _____

10. 5 kids share 1/8 of a pan of lasagna equally. How much of the pan does each kid get?

Answer: _____

Name: **ANSWER KEY**

Dividing Unit Fractions Word Problems

Solve each problem.

1. How many 1/8-hour practice sessions fit in 8 hours?

Answer: 64 sessions

2. How many 1/4-cup servings are in 6 cups of yogurt?

Answer: 24 servings

3. Ms. Lee has 8 pounds of clay. Each student gets 1/3 pound. How many students get clay?

Answer: 24 students

4. A 6-foot board is cut into pieces that are each 1/8 foot long. How many pieces are there?

Answer: 48 pieces

5. A 1/2-liter bottle of water is poured equally into 3 glasses. How much water is in each glass?

Answer: $\frac{1}{6}$ liter

6. Each bracelet uses 1/8 yard of string. How many bracelets can be made from 6 yards?

Answer: 48 bracelets

7. 1/3 gallon of paint covers a wall. It is split equally into 2 cans. How much paint is in each can?

Answer: $\frac{1}{6}$ gallon

8. 1/3 of a garden is split equally into 3 rows. What fraction of the garden is each row?

Answer: $\frac{1}{9}$

9. 1/8 of a cake is shared equally by 8 people. What fraction of the whole cake does each person get?

Answer: $\frac{1}{64}$

10. 5 kids share 1/8 of a pan of lasagna equally. How much of the pan does each kid get?

Answer: $\frac{1}{40}$