Unit 6: More Decimal and Fraction Operations

PRACTICE

Name: _____ Date: _____

Solve each problem. Show your work on scratch paper and write your final answer in simplest form.

1. A ribbon is 3.5 meters long. How many centimeters long is the ribbon? (1 m = 100 cm)

Answer: _____

2. Add: 2/3 + 1/4. Write your answer as a fraction in simplest form.

Answer: _____

3. A water bottle holds 2.75 liters. How many milliliters is this? (1 L = 1000 mL)

Answer: _____

4. Subtract: 5/6 - 1/3. Write your answer as a fraction in simplest form.

Answer: _____

5. A recipe needs 3/4 cup of sugar. If you make 3 batches, how many cups of sugar do you need in all? Write your answer as a mixed number.

Answer: _____

6. A board is 4.2 feet long. How many inches long is the board? (1 ft = 12 in)

Answer: _____

7. Line plot data: the lengths of 5 pencils are 3/8, 3/8, 1/2, 5/8, and 5/8 inch. What is the total length of all 5 pencils in inches? Write your answer as a fraction or mixed number.

Answer: _____

8. Multiply: 2/5 × 3/4. Write your answer as a fraction in simplest form.

Answer: _____

9. A jug contains 3.6 liters of juice. It is poured equally into 4 glasses. How many liters of juice are in each glass?

Answer: _____

10. Divide: 1/2 ÷ 4. Write your answer as a fraction in simplest form.

Answer: _____

11. A string is 250 centimeters long. How many meters is this? (1 m = 100 cm)

Answer: _____

12. Four beakers hold 1/4 L, 1/4 L, 1/2 L, and 3/4 L of water. What is the total amount of water in liters? Write your answer as a mixed number.

Answer: _____