

Unit 6: More Decimal and Fraction Operations

CONCEPT

Name: _____ Date: _____

Solve each problem. Show your work on scratch paper and write your final answer in the box.

1. A ribbon is 3 meters long. How many centimeters is that? (1 m = 100 cm)

Answer: _____

2. Add: $\frac{2}{8} + \frac{3}{8}$. Write your answer as a fraction.

Answer: _____

3. A bottle holds 2 liters of water. How many milliliters is that? (1 L = 1000 mL)

Answer: _____

4. Subtract: $\frac{5}{6} - \frac{2}{6}$. Write your answer as a fraction.

Answer: _____

5. A rope is 400 centimeters long. How many meters is that? (100 cm = 1 m)

Answer: _____

6. Multiply: $\frac{1}{2} \times 6$. Write your answer as a whole number.

Answer: _____

7. A line plot shows 3 pencils that are each 4 inches long. What is the total length of these 3 pencils in inches?

Answer: _____

8. Add: $0.3 + 0.4$. Write your answer as a decimal.

Answer: _____

9. A box of nails weighs 5 kilograms. How many grams is that? (1 kg = 1000 g)

Answer: _____

10. Add these three fractions from a line plot: $\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$. Write your answer as a fraction.

Answer: _____

11. A string is 6 feet long. How many inches is that? (1 foot = 12 inches)

Answer: _____

12. Subtract: $0.9 - 0.5$. Write your answer as a decimal.

Answer: _____