

Unit 6: More Decimal and Fraction Operations

PRACTICE · SET 2

Name: _____ Date: _____

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

1. A ribbon is 3.75 meters long. How many centimeters is that? (1 m = 100 cm)

Answer: _____

3. A pitcher holds 2.4 liters of juice. How many milliliters is that? (1 L = 1000 mL)

Answer: _____

5. Subtract: $\frac{5}{6} - \frac{1}{3}$. Write your answer as a fraction in simplest form.

Answer: _____

7. On a line plot, three cups hold $\frac{1}{4}$ cup, $\frac{1}{2}$ cup, and $\frac{3}{4}$ cup of water. If all the water is combined into one cup, how many cups is that in total?

Answer: _____

9. A recipe needs $\frac{2}{3}$ cup of flour. How much flour is needed to make 6 batches? Give your answer in cups.

Answer: _____

11. A ribbon 12 feet long is cut into pieces $\frac{3}{4}$ foot long. How many pieces can be cut? ($12 \div \frac{3}{4}$)

Answer: _____

2. Convert 4.5 kilograms to grams. (1 kg = 1000 g)

Answer: _____

4. Add: $\frac{3}{4} + \frac{5}{8}$. Write your answer as a fraction or mixed number.

Answer: _____

6. Four students measured their pencils for a line plot: $4\frac{1}{2}$ in, $4\frac{1}{2}$ in, 5 in, and 6 in. What is the total length of all four pencils, in inches?

Answer: _____

8. Multiply: $\frac{2}{3} \times \frac{3}{5}$. Write your answer as a fraction in simplest form.

Answer: _____

10. A board is $\frac{7}{8}$ foot long. It is cut into pieces that are each $\frac{1}{8}$ foot long. How many pieces are there?

Answer: _____

12. Ella jogged 1.25 km on Monday, 0.8 km on Tuesday, and 2.15 km on Wednesday. How many kilometers did she jog in all?

Answer: _____