

Unit 6: More Decimal and Fraction Operations

CONCEPT · SET 2

Name: _____ Date: _____

Solve each problem and write your answer on the line. Give fractions in simplest form and include no units in your answer.

1. Rosa's jump rope is 2.4 m long. How many centimeters long is the jump rope?

Answer: _____

3. A small juice box holds 0.4 L. How many milliliters does the juice box hold?

Answer: _____

5. Recess lasts $\frac{1}{4}$ of an hour. How many minutes long is recess?

Answer: _____

7. A line plot shows the lengths of 4 feathers: $\frac{3}{8}$ in, $\frac{3}{8}$ in, $\frac{5}{8}$ in, and $\frac{7}{8}$ in. How many inches longer is the longest feather than the shortest feather?

Answer: _____

9. Six kids each drink $\frac{2}{3}$ of a cup of smoothie. How many cups of smoothie do they drink in all?

Answer: _____

11. Half of a granola bar ($\frac{1}{2}$) is shared equally by 4 friends. What fraction of a whole granola bar does each friend get?

Answer: _____

2. A bag of birdseed has a mass of 2,500 g. What is the mass of the bag in kilograms?

Answer: _____

4. A python at the zoo is 7 feet long. How many inches long is the python?

Answer: _____

6. A line plot shows how much rain fell into 3 cups: $\frac{1}{2}$ cm, $\frac{1}{4}$ cm, and $\frac{1}{4}$ cm. How many centimeters of rain fell in all?

Answer: _____

8. Tia had $\frac{3}{4}$ m of ribbon. She used $\frac{1}{8}$ m to tie a gift. How many meters of ribbon does she have left?

Answer: _____

10. Omar fills 4 water bottles. Each bottle holds 0.75 L. How many liters of water is that in all?

Answer: _____

12. A kite string is 3 m long. It is cut into pieces that are each $\frac{1}{4}$ m long. How many pieces are there?

Answer: _____