

Unit 8: Putting It All Together

CONCEPT • SET 2

Name: _____ Date: _____

Solve each problem and write your answer on the line. Show your work on scratch paper; give fractions in simplest form and coordinates as (x, y).

1. Nina tapes two strips of ribbon end to end for a kite tail. One strip is 0.4 m long and the other is 0.35 m long. How long is the tail in meters?

Answer: _____

2. A pitcher held $\frac{2}{3}$ of a liter of mango juice. Sam poured out $\frac{1}{6}$ of a liter. How many liters of juice are left?

Answer: _____

3. There are 20 stickers in a sheet. Leo gives away $\frac{1}{5}$ of the sheet. How many stickers does he give away?

Answer: _____

4. A fish tank is shaped like a rectangular prism. It is 6 cm long, 4 cm wide, and 5 cm tall. What is its volume in cubic centimeters?

Answer: _____

5. On a treasure map grid, the palm tree is at the point (3, 4). The chest is 2 units to the right of the tree and 1 unit up. What are the coordinates of the chest?

Answer: _____

6. One bag of birdseed weighs 1.2 kg. Mrs. Ortiz buys 3 bags. How many kilograms of birdseed does she buy?

Answer: _____

7. A camp cook has 2 loaves of banana bread. She cuts each loaf into pieces that are $\frac{1}{4}$ of a loaf. How many pieces does she get?

Answer: _____

8. A 7.2 meter rope is cut into 6 jump ropes of equal length. How many meters long is each jump rope?

Answer: _____

9. A gift box shaped like a rectangular prism has a volume of 36 cubic inches. The area of its base is 9 square inches. How many inches tall is the box?

Answer: _____

10. Ravi walked $\frac{3}{8}$ of a mile before lunch and $\frac{1}{4}$ of a mile after lunch. How many miles did he walk in all?

Answer: _____

11. On a park map, the fountain is at (2, 1) and the gate is at (2, 7). Each unit is 1 meter. How many meters apart are the fountain and the gate?

Answer: _____

12. Maya has $\frac{1}{2}$ of a chocolate bar. She shares it equally among 4 friends. What fraction of a whole chocolate bar does each friend get?

Answer: _____