

Finding Fractions of Quantities

Name: _____

Date: _____

Calculate the fractional part of each quantity. Show your working.

Section A: Basic Calculations

1. Find $\frac{1}{2}$ of 48 = _____
2. Find $\frac{1}{4}$ of 60 = _____
3. Find $\frac{1}{3}$ of 72 = _____
4. Find $\frac{1}{5}$ of 85 = _____
5. Find $\frac{3}{4}$ of 120 = _____
6. Find $\frac{2}{5}$ of 95 = _____

Section B: Word Problems

7. A school has 360 students. If $\frac{2}{3}$ of them play sport, how many students play sport?

8. Sarah saved \$240. She spent $\frac{3}{8}$ of her savings on a new bike. How much did the bike cost?

9. A recipe calls for 450 grams of flour. If you want to make only $\frac{2}{3}$ of the recipe, how many grams of flour do you need?

10. There are 135 books in the school library's fiction section. If $\frac{3}{5}$ of them are checked out, how many fiction books are currently checked out?

Section C: Challenge Questions

11. A water tank holds 840 litres when full. After using some water, the tank is $\frac{5}{7}$ full. How many litres of water are in the tank now?

12. James ran $\frac{4}{5}$ of a 15 kilometre race before taking a break. How many kilometres had he run?

13. A farmer has 216 sheep. She sells $\frac{5}{12}$ of them at the market. How many sheep does she have left?

Tip: To find a fraction of a quantity, divide by the denominator, then multiply by the numerator.