

Fractions of Quantities and Amounts

Name: _____

Date: _____

Part A: Finding Fractions of Whole Numbers

1. Find $\frac{3}{4}$ of 48

2. Find $\frac{2}{5}$ of 60

3. Find $\frac{5}{8}$ of 120

4. Find $\frac{5}{12}$ of 144

5. Find $\frac{5}{6}$ of 72

Part B: Money Problems

6. A shirt costs \$84. It is on sale for $\frac{1}{3}$ off. How much is the discount?

Answer: _____

7. Sarah earned \$250 babysitting. She saved $\frac{2}{5}$ of her earnings. How much did she save?

Answer: _____

8. A concert ticket costs \$120. A student discount gives $\frac{3}{8}$ off. What is the discounted price?

Answer: _____

Part C: Real-World Applications

9. A school has 480 students. $\frac{5}{8}$ of them participate in sports. How many students play sports?

Answer: _____

10. A recipe calls for 360 grams of flour. James has only made $\frac{2}{3}$ of the recipe. How many grams of flour did he use?

Answer: _____

11. A water tank holds 500 litres. After use, it is only $\frac{3}{5}$ full. How many litres are in the tank?

Answer: _____

Part D: Challenge Problems

12. A journey is 336 kilometres. After travelling $\frac{5}{7}$ of the distance, how many kilometres remain?

Answer: _____

13. Tom spent $\frac{3}{8}$ of his \$960 savings on a bike and $\frac{1}{4}$ of his savings on accessories. How much money does he have left?

Answer: _____