Fractions of Quantities and Amounts

Name: _____ Date: _____

Part A: Finding Fractions of Whole Numbers

1. Find ¾ of 48 _____
2. Find ⅖ of 60 _____
3. Find ⅝ of 120 _____
4. Find 5/12 of 144 _____
5. Find ⅚ of 72 _____

Part B: Money Problems

6. A shirt costs $84. It is on sale for ⅓ off. How much is the discount?

Answer: _____

7. Sarah earned $250 babysitting. She saved ⅖ of her earnings. How much did she save?

Answer: _____

8. A concert ticket costs $120. A student discount gives ⅜ off. What is the discounted price?

Answer: _____

Part C: Real-World Applications

9. A school has 480 students. ⅝ of them participate in sports. How many students play sports?

Answer: _____

10. A recipe calls for 360 grams of flour. James has only made ⅔ of the recipe. How many grams of flour did he use?

Answer: _____

11. A water tank holds 500 litres. After use, it is only ⅗ 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: _____