MATHEMATICS · YEAR 8

Finding Fractions of Amounts

Name _____ **Date** _____

Show your working. Give each answer with the unit requested.

A Find each fraction of the amount

Use the space to work it out.

1. **Find $\frac{1}{4}$ of £36.**

2. **Find $\frac{2}{3}$ of 45 apples.**

3. **Find $\frac{3}{5}$ of 2 kg. Give your answer in grams.**

4. **Find $\frac{5}{8}$ of 64.**

5. **Find $\frac{3}{4}$ of £8.40.**

6. **Find $\frac{2}{5}$ of 1.5 L. Give your answer in millilitres.**

B Fractions in everyday situations

Read carefully and include units.

7. A class trip costs £240. $\frac{3}{8}$ of the cost is for the coach. How much is the coach?

8. There are 180 pupils going on a trip. $\frac{2}{5}$ choose the museum visit. How many pupils choose it?

9. A baker has 1.6 kg of flour. She uses $\frac{3}{4}$ of it. How many grams of flour does she use?

10. A 2.4 m ribbon is used for a display. $\frac{5}{8}$ of it is cut off. How many centimetres are cut off?

C Challenge

Take care: the second fraction is of what remains.

11. A school prints 320 flyers. By lunchtime, $\frac{3}{8}$ have been handed out. In the afternoon, $\frac{1}{4}$ of the flyers still left are handed out. How many flyers are left at the end of the afternoon?

Check: have you included the correct units?