

Fractions (Non-Calculator)

1. Find the following fractions:

- | | | |
|---------------------------|-------------------------------|----------------------------|
| a) $\frac{1}{3}$ of £24 | b) $\frac{1}{4}$ of 48 g | c) $\frac{1}{5}$ of 20 m |
| d) $\frac{1}{8}$ of 56 kg | e) $\frac{1}{9}$ of 45 cm | f) $\frac{1}{2}$ of 448 mg |
| g) $\frac{1}{6}$ of £120 | h) $\frac{1}{7}$ of 63 litres | i) $\frac{1}{4}$ of 248 mm |

2. Find these harder fractions:

- | | | | |
|---------------------------|---------------------------|----------------------------|--------------------------|
| a) $\frac{2}{5}$ of 45 p | b) $\frac{2}{3}$ of 15 ml | c) $\frac{5}{6}$ of 18 cm | d) $\frac{2}{9}$ of £36 |
| e) $\frac{3}{5}$ of 35 cm | f) $\frac{4}{5}$ of 45 g | g) $\frac{5}{12}$ of 48 ml | h) $\frac{3}{10}$ of 360 |

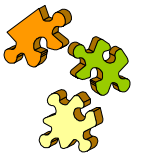
litres

3. There are 15 pupils in an S3 class. $\frac{2}{3}$ of them are boys. How many boys are there?

4. A video cassette can record 3 hours of programmes. Maggie has used up $\frac{5}{6}$ of it. How many minutes have been used?



5. Daniel was building a jigsaw which had 600 pieces in it. If he had fitted in $\frac{5}{12}$ of the pieces, how many had he **still to fit**?



6. In a box of 36 coloured pencils, $\frac{2}{9}$ of them were shades of red. How many were **not** shades of red?



7. There are 100 pencils in a box. $\frac{3}{5}$ of them are plain. $\frac{1}{4}$ have rubber tips and the rest are coloured.

- How many plain pencils are there?
- How many rubber-tipped pencils are there?
- How many coloured pencils are there?

