



## Sheet 20

## Fractions/Percentages of Amounts

<b>Examples</b>	$\frac{5}{8}$ of 640	10% of 40	30% of 40
	$(\frac{1}{8} \text{ of } 640) \times 5$	$\frac{1}{10}$ of 40	$(10\% \text{ of } 40) \times 3$
	$80 \times 5$	$40 \div 10$	$4 \times 3$
	400	4	12

Work out

- |                           |          |                             |          |
|---------------------------|----------|-----------------------------|----------|
| 1 $\frac{9}{10}$ of 200   | .....    | 7 $\frac{3}{1000}$ of 5 m   | ..... mm |
| 2 $\frac{2}{5}$ of 300    | .....    | 8 $\frac{5}{9}$ of 180 g    | ..... g  |
| 3 $\frac{3}{8}$ of 96     | .....    | 9 $\frac{53}{100}$ of 1 kg  | ..... g  |
| 4 $\frac{5}{7}$ of 49     | .....    | 10 $\frac{7}{10}$ of 400 g  | ..... g  |
| 5 $\frac{37}{100}$ of 1 m | ..... cm | 11 $\frac{3}{4}$ of 1 litre | ..... ml |
| 6 $\frac{2}{6}$ of 180 m  | ..... m  | 12 $\frac{4}{10}$ of 250 ml | ..... ml |

Work out

- |               |       |                 |       |                 |       |
|---------------|-------|-----------------|-------|-----------------|-------|
| 13 10% of 39  | ..... | 17 1% of 260    | ..... | 21 25% of £3.60 | ..... |
| 14 20% of 75  | ..... | 18 5% of 30     | ..... | 22 2% of £45    | ..... |
| 15 50% of 11  | ..... | 19 40% of £1.20 | ..... | 23 60% of £1.50 | ..... |
| 16 75% of 480 | ..... | 20 70% of £20   | ..... | 24 1% of £5     | ..... |

Fill in the boxes.

- |  |  |
|--|--|
| 25 240 patients in a hospital 20% are children.<br><input type="text"/> adults are in hospital | 27 Sourav's meal cost £4.50.<br>Ainlee's meal cost 30% more.<br>Ainlee's meal cost £ <input type="text"/> .          |
| 26 A roll of cloth is 15 m long. Three quarters is used.<br><input type="text"/> m is left.    | 28 360 children in a school<br>Four ninths are in lower school<br><input type="text"/> children are in upper school. |