

Sheet 23 FRACTIONS OF QUANTITIES

$$\frac{3}{8} \text{ of } 40 \text{ kg}$$

$$\left(\frac{1}{8} \text{ of } 40 \text{ kg}\right) \times 3$$

$$5 \text{ kg} \times 3$$

$$\text{Answer } 15 \text{ kg}$$

$$\frac{1}{4} \text{ of } \square = 150 \text{ ml}$$

$$150 \text{ ml} \times 4$$

$$600 \text{ ml}$$

$$\frac{1}{4} \text{ of } 600 \text{ ml} = 150 \text{ ml}$$

Work out mentally.

1 $\frac{3}{4}$ of 200 5 $\frac{3}{5}$ of 100 g 9 $\frac{5}{6}$ of 4.2 m

2 $\frac{7}{10}$ of 80 6 $\frac{5}{8}$ of 40 cm 10 $\frac{9}{10}$ of 300 ml

3 $\frac{2}{3}$ of 48 7 $\frac{11}{100}$ of 10 kg 11 $\frac{4}{5}$ of 65p

4 $\frac{4}{7}$ of 84 8 $\frac{2}{9}$ of 360 km 12 $\frac{33}{100}$ of £5

13 $\frac{1}{2}$ of \square = 20p 19 $\frac{1}{100}$ of \square = 0.075 kg

14 $\frac{1}{8}$ of \square = 3 20 $\frac{1}{4}$ of \square = 19

15 $\frac{1}{3}$ of \square = 0.6 m 21 $\frac{1}{11}$ of \square = 12

16 $\frac{1}{10}$ of \square = £2.50 22 $\frac{1}{9}$ of \square = 5 km

17 $\frac{1}{5}$ of \square = 16 cm 23 $\frac{1}{12}$ of \square = £0.40

18 $\frac{1}{9}$ of \square = 8 24 $\frac{1}{6}$ of \square = 200 m