

Finding a Fraction of an Amount

1) Work out these amounts.

a) $\frac{3}{4}$ of £20

b) $\frac{2}{3}$ of 60 kg

c) $\frac{3}{8} \times 24$

d) $150 \times \frac{2}{3}$

e) $\frac{2}{9}$ of 180 cm

f) $49 \times \frac{4}{7}$

g) $60 \times \frac{1}{4}$

h) $\frac{5}{8}$ of £48

i) $4000 \times \frac{7}{8}$

2) There are 600 apples on a tree and there are maggots in $\frac{3}{5}$ of them.

How many apples have maggots in them?

3) Liz and Lee are travelling in a car from Glasgow to Poole (770 km).

At midday they had already travelled $\frac{5}{7}$ of the total distance.

What distance, in km, had they travelled by midday?

4) A digital camera that cost £49 was sold on eBay for $\frac{3}{7}$ of the original price.

What was the selling price?

5) Yesterday Thomas travelled a total of 175 miles.

He travelled $\frac{2}{5}$ of this distance in the morning.

How many miles did he travel during the rest of the day?

6) Debra received her £15 pocket money on Saturday.

She spent $\frac{1}{3}$ of her pocket money on magazines.

She spent $\frac{2}{5}$ of her pocket money on a necklace.

How much of the £15 did she have left?