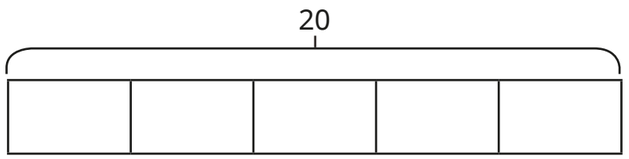
Fraction of an amount

1



a) Shade $\frac{1}{5}$ of the bar model.

b) What is $\frac{1}{5}$ of 20?

2 Use your times-tables knowledge to work out the amounts.

a) $\frac{1}{3}$ of 12 = ☐

b) $\frac{1}{4}$ of £20 = ☐

c) $\frac{1}{5}$ of 35 m = ☐

d) $\frac{1}{10}$ of 80 cm = ☐

e) $\frac{1}{12}$ of 60 = ☐

f) $\frac{1}{7}$ of 84 kg = ☐

3 Use your answers to question 2 to work out the amounts.

a) $\frac{2}{3}$ of 12 = ☐

b) $\frac{3}{4}$ of £20 = ☐

c) $\frac{3}{5}$ of 35 m = ☐

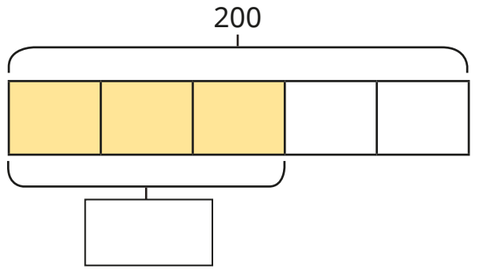
d) $\frac{7}{10}$ of 80 cm = ☐

e) $\frac{11}{12}$ of 60 = ☐

f) $\frac{6}{7}$ of 84 kg = ☐

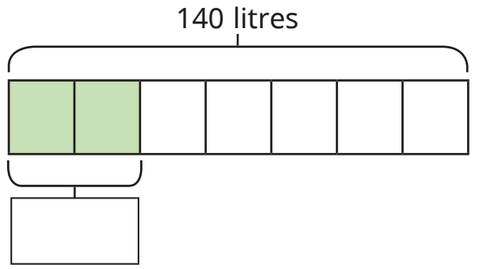
4 Work out the missing values.

a)



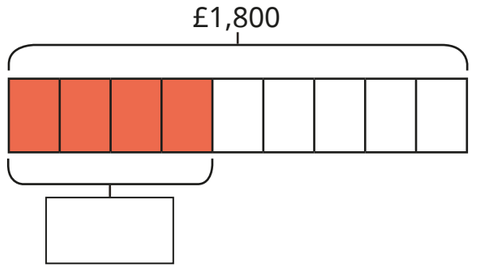
$\frac{3}{5}$ of 200 = ☐

b)



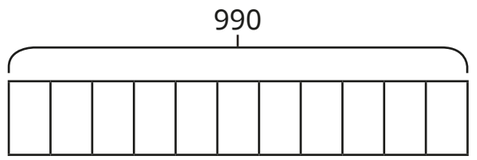
$\frac{2}{7}$ of 140 litres = ☐ l

c)



$\frac{4}{9}$ of £1,800 = £ ☐

d)



$\frac{3}{11}$ of 990 = ☐

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5 **a)** In a school of 480 pupils, $\frac{2}{3}$ are juniors.

How many juniors are there in the school?

b) A factory makes 256 cars.

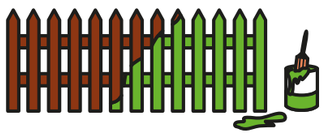
$\frac{3}{8}$ are electric cars.

How many electric cars does the factory make?

c) Brett uses $\frac{2}{5}$ of his £180 savings to buy a train ticket.

How much of his savings does he have left?

6 Alex is painting a fence that is 288 m long.



On Monday, she paints $\frac{3}{12}$ of the fence.

On Tuesday, she paints $\frac{1}{2}$ of the remaining fence.

How much fence does she have left to paint?

m

7 Fill in the missing numbers.

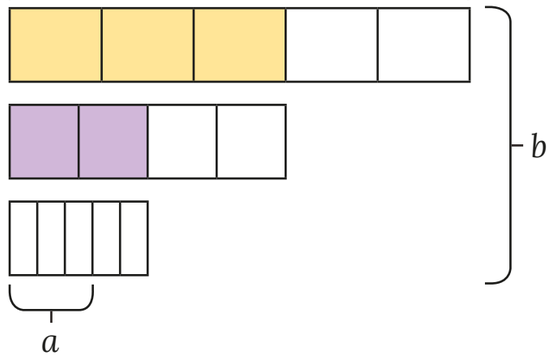
a) $\frac{\square}{10}$ of \$500 = \$150

b) $\frac{\square}{4}$ of 100 kg = 75 kg

c) 42 = $\frac{\square}{100}$ of 700

d) 450 = $\frac{\square}{20}$ of 3,000

8 Find the values of a and b.



a = b =

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