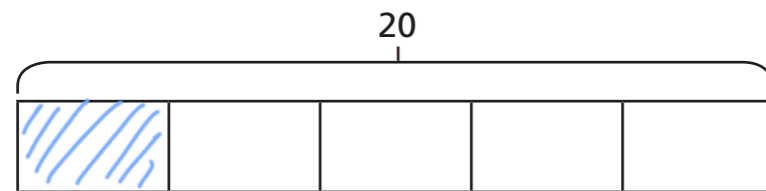


# Fractions of an amount

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 solve the calculations.

a)  $\frac{1}{3}$  of 12 =

d)  $\frac{1}{10}$  of 80 cm =

b)  $\frac{1}{4}$  of £20 =

e)  $\frac{1}{12}$  of 60 =

c)  $\frac{1}{5}$  of 35 m =

f)  $\frac{1}{7}$  of 84 kg =

Now use your answers to solve these calculations.

a)  $\frac{2}{3}$  of 12 =

d)  $\frac{7}{10}$  of 80 cm =

b)  $\frac{3}{4}$  of £20 =

e)  $\frac{11}{12}$  of 60 =

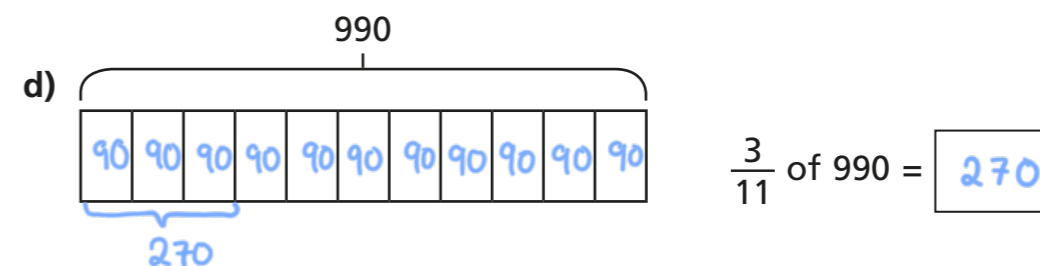
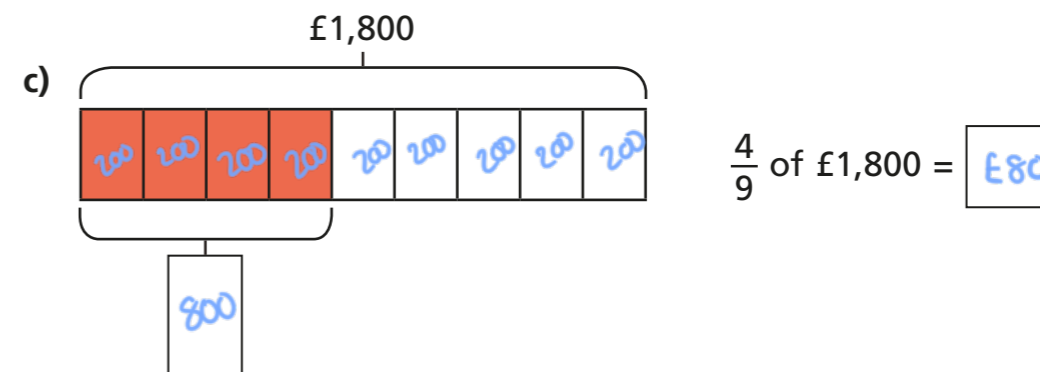
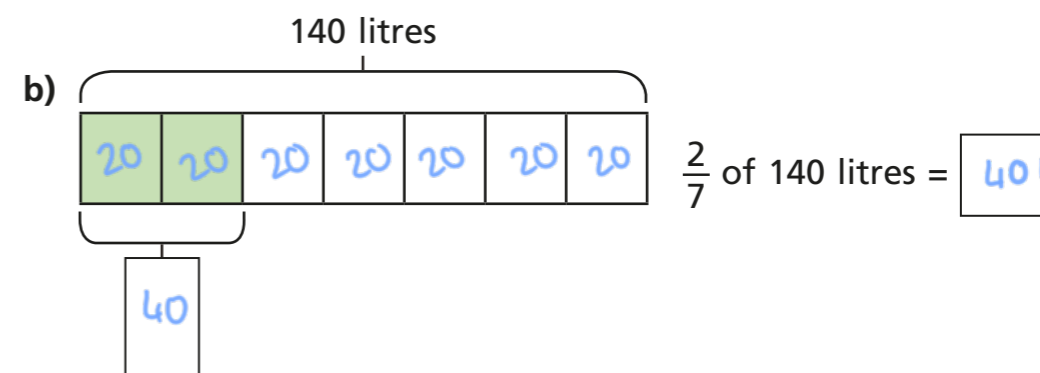
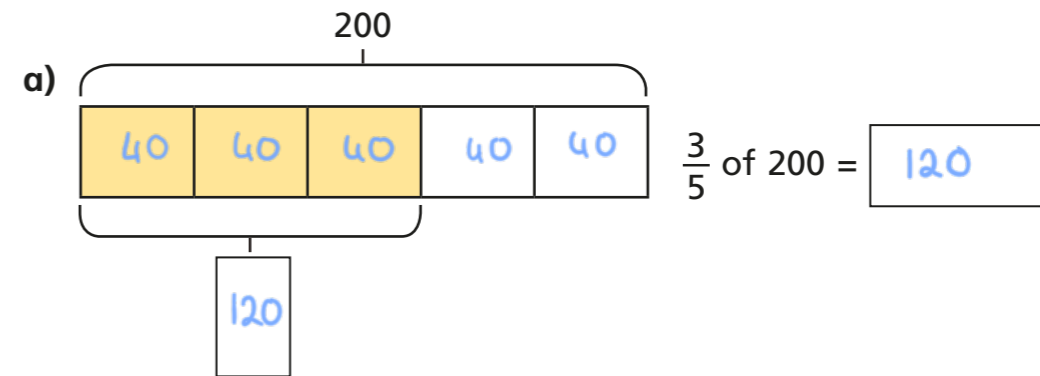
c)  $\frac{3}{5}$  of 35 m =

f)  $\frac{6}{7}$  of 84 kg =



3

Calculate the missing values.



- 4 a) In a school of 480 pupils,  $\frac{2}{3}$  are juniors.  
How many juniors are in the school?

320

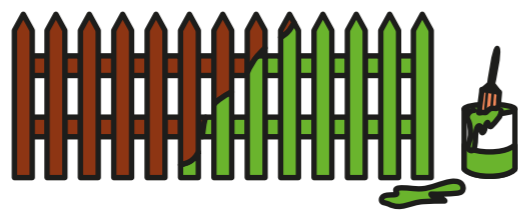
- b) A factory makes 256 cars.  
 $\frac{3}{8}$  are electric cars.  
How many electric cars does the factory make?

96

- c) Brett uses  $\frac{2}{5}$  of his £180 savings to buy a train ticket.  
How much of his savings does he have left?

£108

5



- Alex has 288 m of fence to paint.  
She paints  $\frac{3}{12}$  of the whole fence on Monday. She then paints  $\frac{1}{2}$  of what is left on Tuesday.  
How much fence does she have left to paint?

108m



- 6 Fill in the missing numbers.

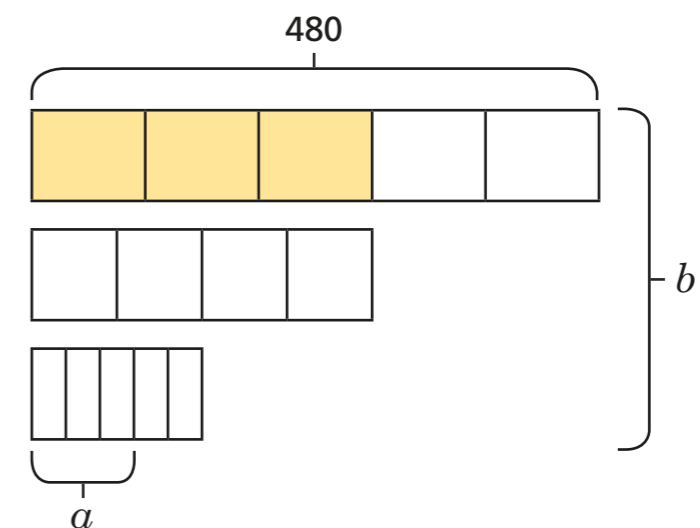
a)  $\frac{3}{10}$  of \$500 = \$150

c)  $42 = \frac{6}{100}$  of 700

b)  $\frac{3}{4}$  of 100 kg = 75 kg

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

- 7 Find the values of  $a$  and  $b$ .



$a = 86.4$

$b = 912$

