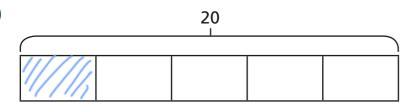
Fractions of an amount



1



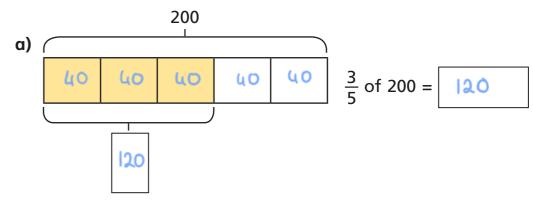
- a) Shade $\frac{1}{5}$ of the bar model.
- **b)** What is $\frac{1}{5}$ of 20? 4
- Use your times tables knowledge to solve the calculations.
 - a) $\frac{1}{3}$ of 12 =

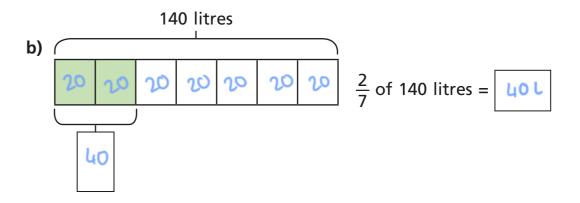
- d) $\frac{1}{10}$ of 80 cm = $\frac{3}{10}$ cm
- **b)** $\frac{1}{4}$ of £20 = **£5**
- e) $\frac{1}{12}$ of 60 = 5
- c) $\frac{1}{5}$ of 35 m = $\frac{7}{m}$
- f) $\frac{1}{7}$ of 84 kg = 12kg

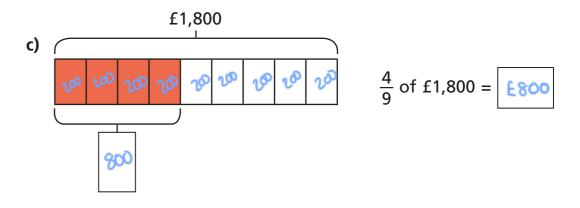
Now use your answers to solve these calculations.

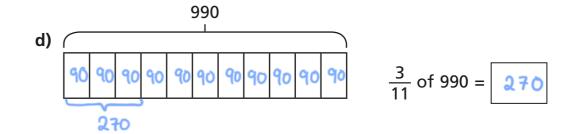
- a) $\frac{2}{3}$ of 12 = $\frac{8}{3}$
- d) $\frac{7}{10}$ of 80 cm = $\frac{56cm}{}$
- **b)** $\frac{3}{4}$ of £20 =
- e) $\frac{11}{12}$ of 60 = 55
- c) $\frac{3}{5}$ of 35 m = 21m
- f) $\frac{6}{7}$ of 84 kg = 72 kg

3 Calculate the missing values.

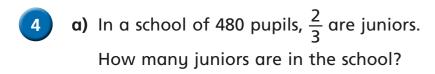














- b) A factory makes 256 cars.
 - $\frac{3}{8}$ are electric cars.

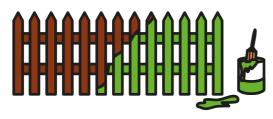
How many electric cars does the factory make?

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?

E108





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?



Fill in the missing numbers.

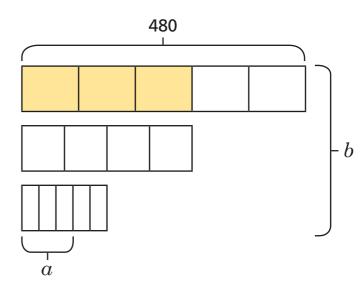
a)
$$\frac{3}{10}$$
 of \$500 = \$150 c) $42 = \frac{6}{100}$ of 700

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

b)
$$\frac{3}{4}$$
 of 100 kg = 75 kg **d)** 450 = $\frac{3}{20}$ of 3,000

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

Find the values of a and b.



$$a = 86.4$$

$$b = 912$$



