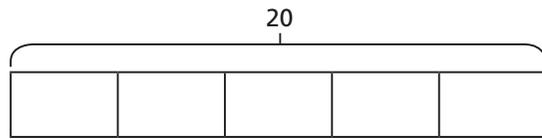


1



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 c) $\frac{1}{5}$ of 35 m e) $\frac{1}{12}$ of 60

b) $\frac{1}{4}$ of £20 d) $\frac{1}{10}$ of 80 cm f) $\frac{1}{7}$ of 84 kg

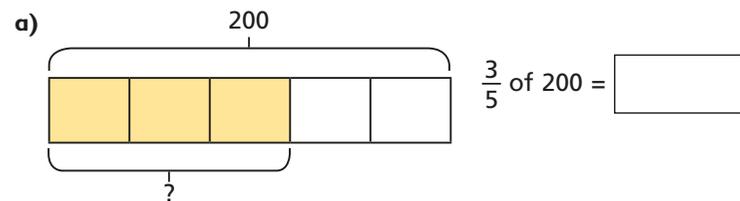
Now use your answers to solve these calculations.

a) $\frac{2}{3}$ of 12 c) $\frac{3}{5}$ of 35 m e) $\frac{11}{12}$ of 60

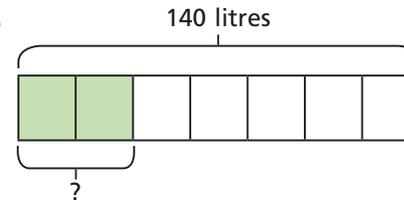
b) $\frac{3}{4}$ of £20 d) $\frac{7}{10}$ of 80 cm f) $\frac{6}{7}$ of 84 kg

3

Complete the calculations.

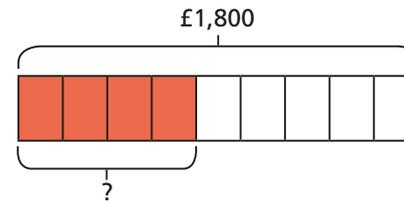


b)



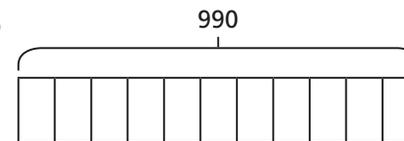
$\frac{2}{7}$ of 140 litres =

c)



$\frac{4}{9}$ of £1,800 =

d)



$\frac{3}{11}$ of 990 =



4

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

How many juniors are in the school?

b) A factory makes 256 cars.

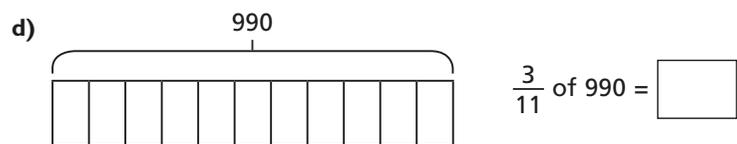
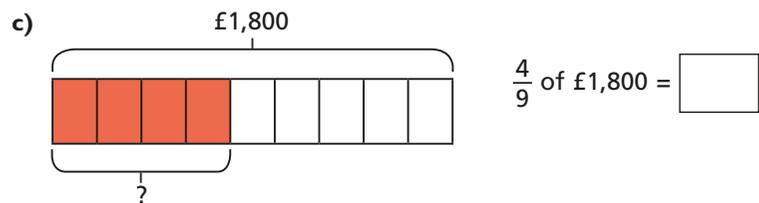
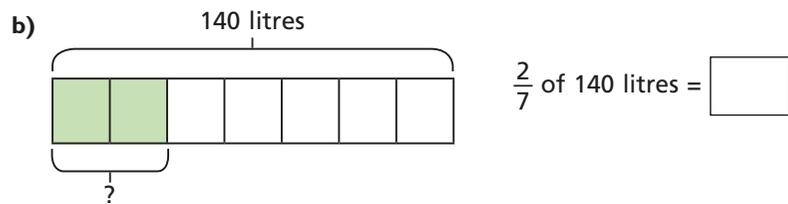
$\frac{3}{8}$ are electric cars.

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?

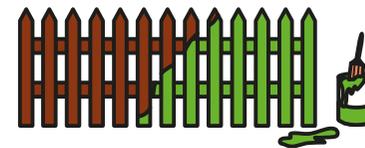




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5



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?

6

Fill in the missing numbers.

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

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

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

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

7

Find the values of a and b .

