## (1)


a) Shade $\frac{1}{5}$ of the bar model.
b) What is $\frac{1}{5}$ of 20? $\square$
DD: Explain the relationship between fractions and division.
Give examples to show this.
(2) Use your times tables knowledge to solve the calculations.
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

Now use your answers to solve these calculations.
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

DD: Prove it: Record the inverse calculations to prove your solution to 2 of the problems above.
(3) Complete the calculations.
a)

200

b)

c)

d)


DD: Maths Story: Wrie a problem to go with one of the calculations above.
(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?
b)


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

c)

d)


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

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


