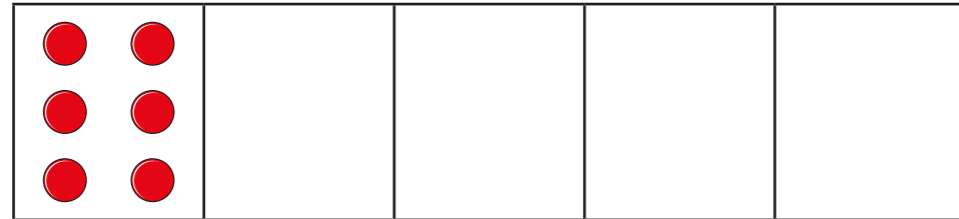


Find the whole

1 The bar model shows that $\frac{1}{5}$ of an amount is equal to 6



- a) Draw counters in the other parts to complete the bar model.
b) Use the bar model to work out these fractions of the amount.

$$\frac{2}{5} = \square$$

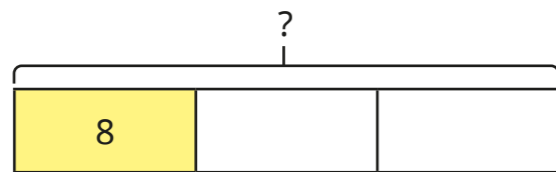
$$\frac{4}{5} = \square$$

$$\frac{3}{5} = \square$$

$$\frac{5}{5} = \square$$

c) What is the whole?

2 The bar model shows that $\frac{1}{3}$ of an amount is 8



- a) Complete the bar model.
b) Use the bar model to work out these fractions of the amount.

$$\frac{2}{3} = \square$$

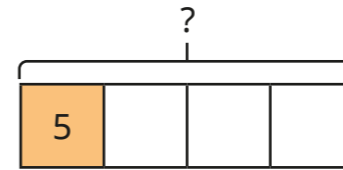
$$\frac{3}{3} = \square$$

c) What is the whole?

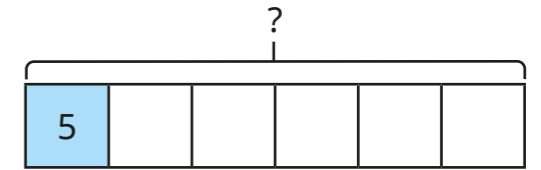


3 Use the bar models to complete the statements.

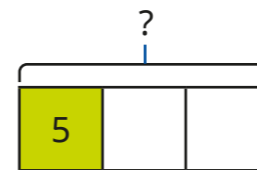
a) $\frac{1}{4}$ of = 5



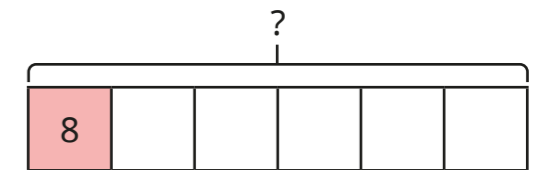
c) $\frac{1}{6}$ of = 5



b) $\frac{1}{3}$ of = 5

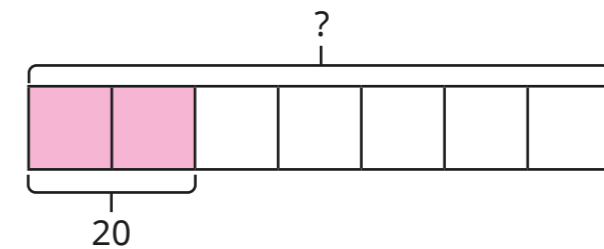


d) $\frac{1}{6}$ of = 8



What do you notice?

4 The bar model shows that $\frac{2}{7}$ of an amount is equal to 20



a) What is $\frac{1}{7}$ of the same amount?

How do you know?

b) Complete the bar model.

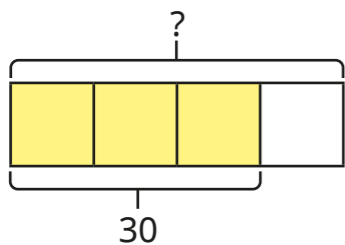
c) What is the whole?



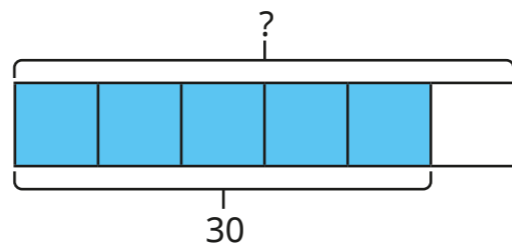


5 Use the bar models to complete the statements.

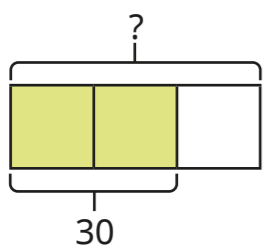
a) $\frac{3}{4}$ of = 30



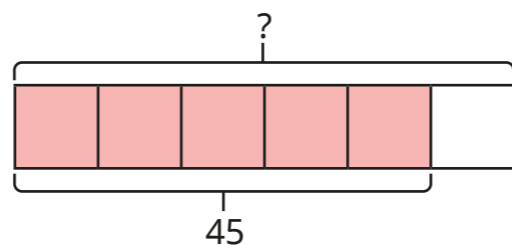
c) $\frac{5}{6}$ of = 30



b) $\frac{2}{3}$ of = 30



d) $\frac{5}{6}$ of = 45

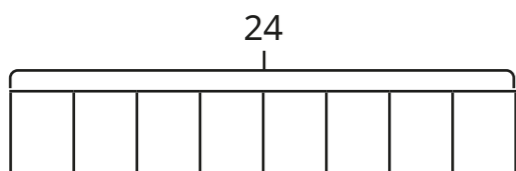


What do you notice?

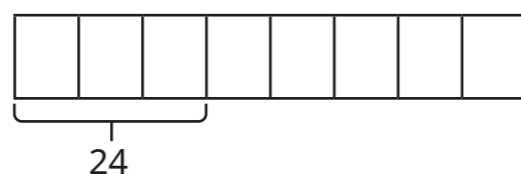


6 Use the bar models to complete the statements.

a) $\frac{3}{8}$ of 24 =



b) $\frac{3}{8}$ of = 24



What is the same about the statements? What is different?



7 Jo is $\frac{2}{3}$ of the way through a race.
She has run 3,000 m so far.
How long is the race?

m

8 Max drinks $\frac{3}{4}$ of a bottle of juice.
There is 100 ml of juice left in the bottle.
How much juice was in the bottle when it was full?

ml

9 $\frac{10}{7}$ of a number is 350
What is the number?

10 $\frac{2}{3}$ of A = $\frac{3}{5}$ of B = $\frac{1}{4}$ of C

$\frac{1}{2}$ of C = 600

Work out the values of A, B and C.

A = B = C =

