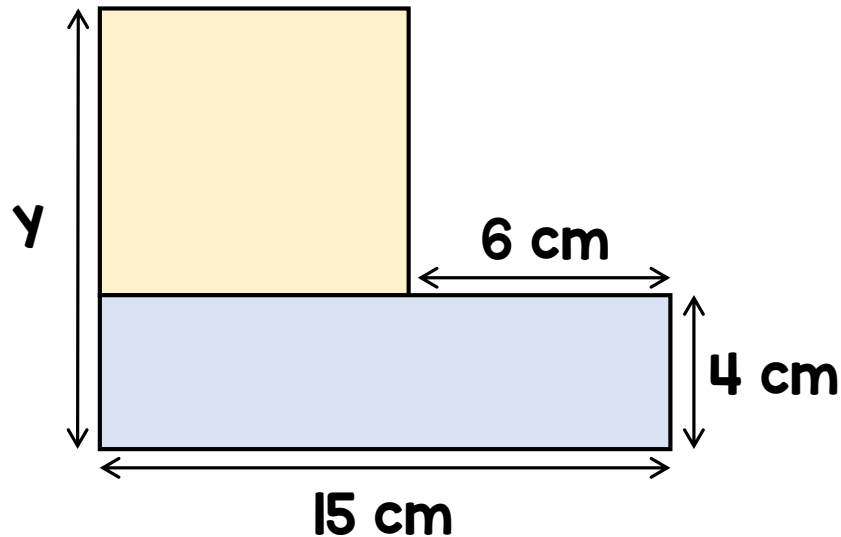


- 1** The shape is made up of a square and a rectangle.



Find the length of the side y

$$y = 13 \text{ cm}$$

- 2** Work out the missing numbers.

$$(a) \quad 5 \times \frac{2}{3} = \boxed{10} \times \frac{1}{3}$$

$$(b) \quad 10 \times \frac{3}{8} = \boxed{6} \times \frac{5}{8}$$

$$(c) \quad 5 \times \frac{1}{4} = \boxed{10} \times \frac{1}{8}$$

1 A school makes 50 sandwiches each day.

The table shows the number of sandwiches sold each day last week.

Day	Number of sandwiches sold
Monday	20
Tuesday	32
Wednesday	47
Thursday	18
Friday	39

How many sandwiches in total were not sold last week?

94 sandwiches were not sold last week.

2 Tony earns £600 a week.



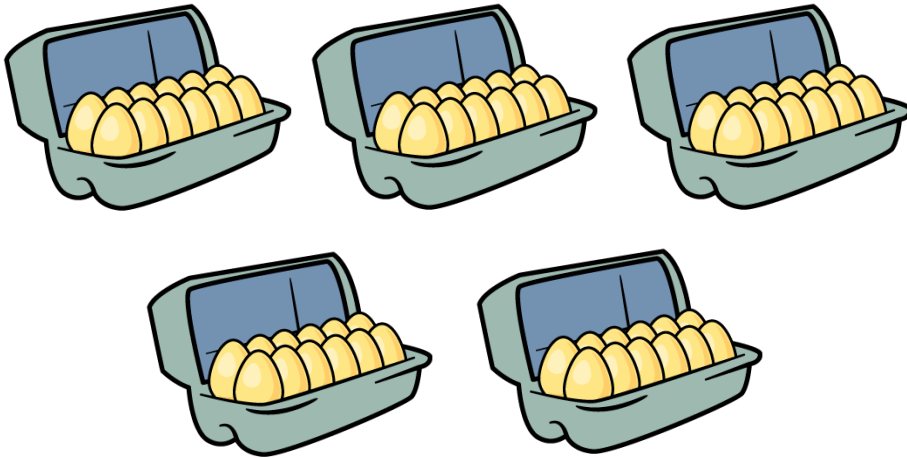
I spend $\frac{3}{10}$ of what I earn on rent for my house.

He spends 20% of the amount remaining on a new coat.

How much money does the coat cost?

The coat costs £84

1 Maisie buys 5 boxes of eggs.



Each box contains 12 eggs.

She uses 18 of the eggs.

What fraction of the eggs does she have left?

$$\frac{42}{60} = \frac{7}{10}$$

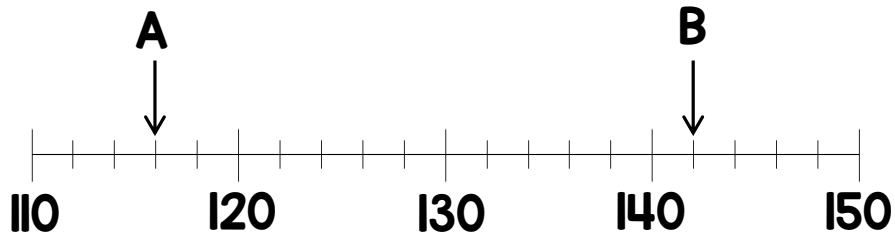
2 Max has some bags of apples and some bags of oranges.

- There are twice as many oranges as apples in a bag.
- Max has 4 bags of apples and 3 bags of oranges.
- Max has 70 apples and oranges in total

How many oranges are in one bag?

There are 14 oranges in one bag.

- 1 A number line has 2 numbers marked.



True or False

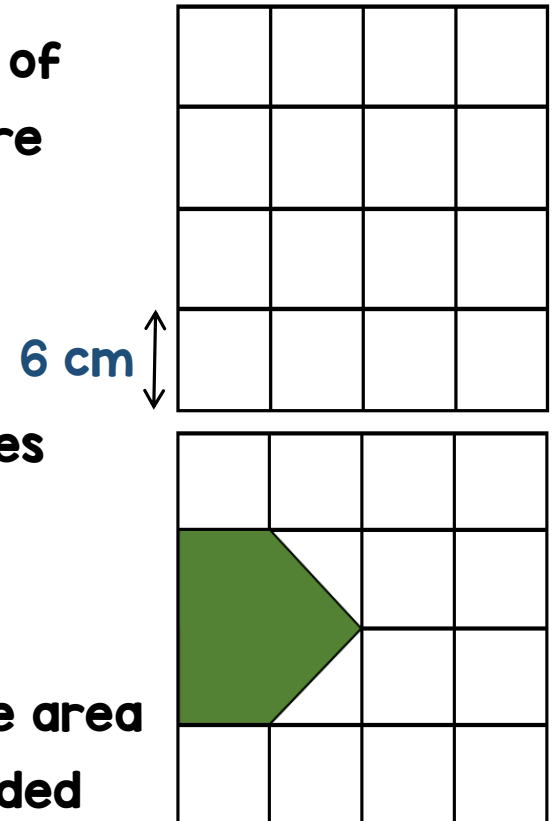
$$A + B > 250$$

Explain your answer.

True. $110 + 140 = 250$, and A is greater than 110 and B is greater than 140 so their total must be greater than 150

- 2 Dana has a square grid.

The length of each square is 6 cm.



Dana shades in part of the grid.

What is the area of the shaded part of the grid?

$$108 \text{ cm}^2$$

1 Which of the fractions add up to 1?

$$\left(\frac{1}{5}\right) \quad \left(\frac{3}{10}\right) \quad \frac{3}{5} \quad \left(\frac{1}{2}\right)$$

Which two of the fractions below have the greatest difference?

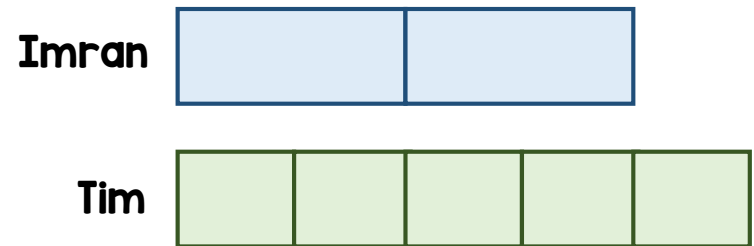
$$\left(\frac{4}{9}\right) \quad \frac{1}{3} \quad \left(\frac{1}{6}\right) \quad \frac{7}{18}$$

2 Imran and Tim each think of a number.

$\frac{1}{2}$ of Imran's number is equal to $\frac{2}{5}$ of Tim's number.

The total of their numbers is 144

What number is Imran thinking of?



Imran is thinking of 64