



Solve $2x^2 + 5x + 2 = 0$

$$(2x + 1)(x + 2) = 0$$

$$x = -\frac{1}{2} \text{ or } x = -2$$

A crowd of men, women and children attend a rugby match.

The ratio of women to men is 4:3.
The ratio of men to children is 2:5.

What percentage of the people at the rugby match are children?

$$M : W : C$$

$$3 : 4$$

$$2 : 5$$

$$6 + 8 + 15 = 29$$

$$6 : 8 : 15$$

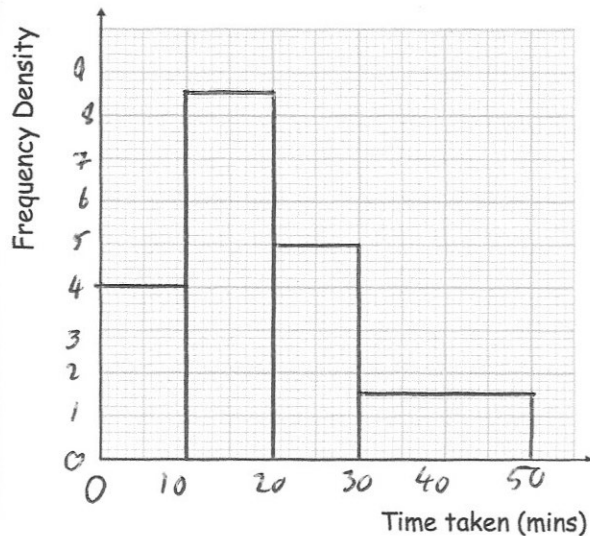
$$\frac{15}{29} \times 100 = 51.72\%$$

The table below shows how long it takes some people to complete a crossword.

Time taken, minutes	Frequency
$0 < t \leq 10$	40
$10 < t \leq 20$	85
$20 < t \leq 30$	50
$30 < t \leq 50$	30

fd
4
8.5
5
1.5

Draw a histogram to show this information.



Box A and Box B are similar containers. The surface area of Box A : the surface area of Box B = 4 : 25

Find the length of Box A

sides $2:5$

$$10 \text{ cm} \div 5 = 2 \text{ cm}$$

$$2 \times 2 \text{ cm} = \boxed{4 \text{ cm}}$$

