

29th October



Corbettmaths

Solve, giving your answers to one decimal place.

$$3x^2 + 4x - 5 = 0$$

$$a = 3$$

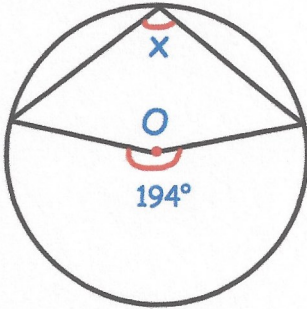
$$b = 4$$

$$c = -5$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$x = \frac{-4 \pm \sqrt{16 - (-60)}}{6}$$

$$x = 0.8 \text{ or } x = -2.1$$

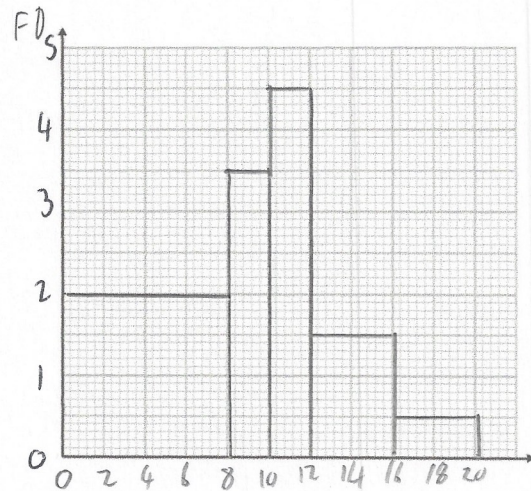


Find x

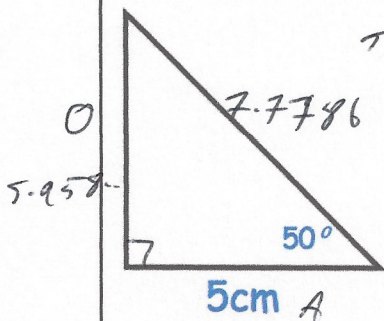
$$97^\circ$$

length (l cm)	Frequency	FD
$0 < l \leq 8$	16	2
$8 < l \leq 10$	7	3.5
$10 < l \leq 12$	9	4.5
$12 < l \leq 16$	6	1.5
$16 < l \leq 20$	2	0.5

Draw a histogram to show this information.



length (cm)



Calculate the perimeter of the right angled triangle.

$$18.737 \text{ cm}$$