

22nd January



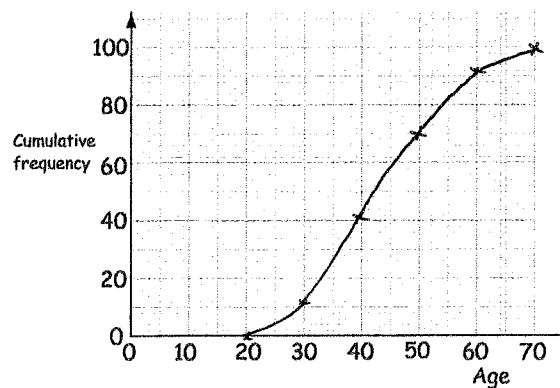
Corbettmaths

Calculate the distance between
(3, 8) and (5, 0).

$$\sqrt{8^2 + 2^2} = \sqrt{68}$$

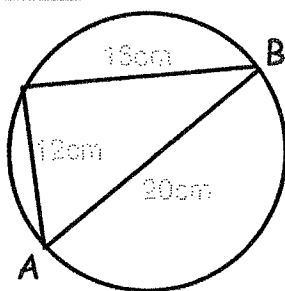
$$= 8.25 \text{ (3sf)}$$

Age, x years	Frequency	Cumulative frequency
$20 < x \leq 30$	12	12
$30 < x \leq 40$	30	42
$40 < x \leq 50$	28	70
$50 < x \leq 60$	22	92
$60 < x \leq 70$	8	100



(a) Complete the cumulative frequency column in the table.

(b) Draw a cumulative frequency graph for this information.



Is AB the diameter of the circle?
Explain your answer

$$16^2 + 12^2 = 400$$

$$20^2 = 400$$

Because pythagoras works it must be right
yes it is a angled

Evaluate

$$1000^{\frac{1}{3}}$$

$$10$$