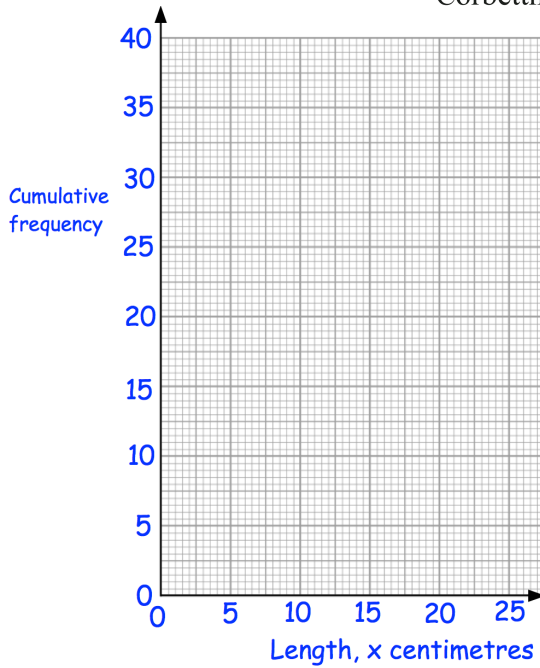




Length, $x$ cm	Frequency
$0 < x \leq 5$	2
$5 < x \leq 10$	6
$10 < x \leq 15$	19
$15 < x \leq 20$	10
$20 < x \leq 25$	3



Draw a cumulative frequency graph for this information.

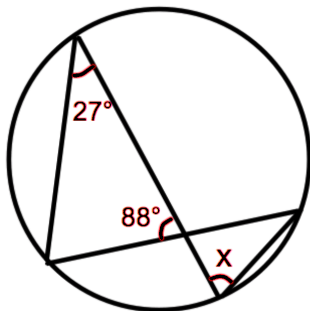
Find an estimate for the median length.

<p><b>Offer 1</b> 30% extra free</p>	<p><b>Offer 2</b> 30% off the price</p>
<p><b>Offer 3</b> Buy one get one half price</p>	

The jar usually contains 500g of coffee. Which offer is best value for money?

Solve

$$\frac{x + 19}{2x - 3} = 4$$



Find  $x$