

6th November

Higher 5-a-day

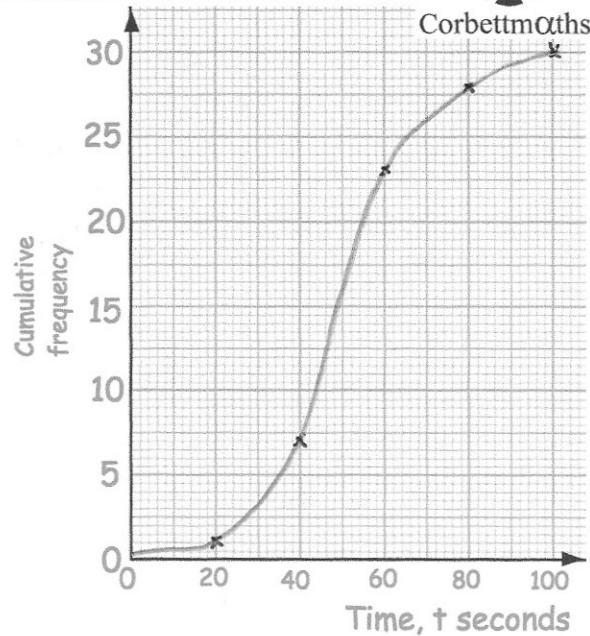


Corbettmaths

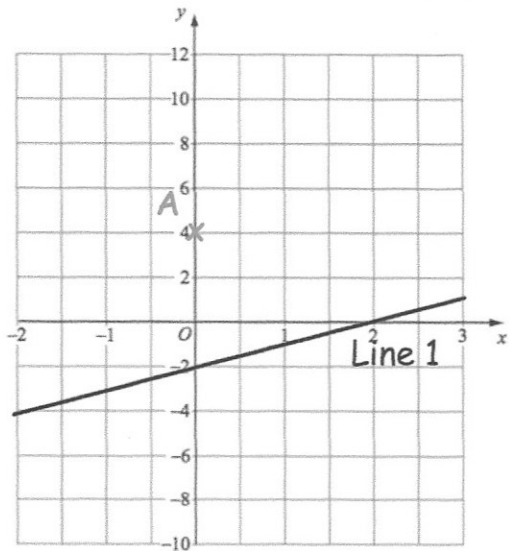
The table below shows the time taken to read an article.

Time (t seconds)	Frequency
$0 < t \leq 20$	1
$20 < t \leq 40$	7
$40 < t \leq 60$	15
$60 < t \leq 80$	5
$80 < t \leq 100$	2

cf
1
8
23
28
30



Draw a cumulative frequency graph.



Find the equation of Line 1

$$y = x - 2$$

Write down the equation of the line parallel to Line 1 and that passes through the point A

$$y = x + 4$$

Shown is Line 1 and also the point A (0, 4)

Make m the subject of

$$y - mp = np + 2y$$

$$y - np - 2y = mp$$

$$-y - np = mp$$

$$m = \frac{-y - np}{p}$$