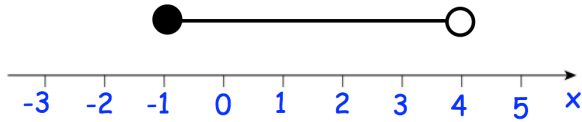


21st March

Corbettmaths

Write down the inequality shown by the diagram.



“A prize is won every 302 seconds.”

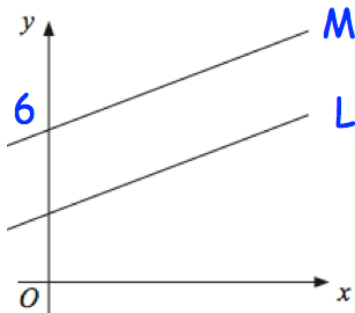
Estimate how many prizes are won in one week.

The circumference of a circle is 40cm.

Find the area of the circle.

Time (t minutes)	Frequency
$0 < t \leq 4$	4
$4 < t \leq 8$	11
$8 < t \leq 12$	4
$12 < t \leq 16$	1

Work out the estimated mean



L has equation $y = \frac{1}{3}x + 2$
M is parallel to L and passes through (0, 6).

Write down the equation of M.