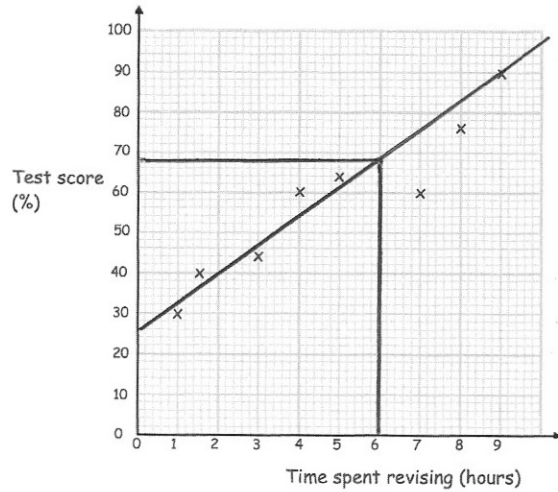




The scatter graph shows information about the time spent revising and test scores for a group of 8 students.

Another student spent 6 hours revising. Estimate their test score.

68%



Explain why it might not be sensible to use the scatter graph to estimate the score of a student that spent 15 hours revising.

It is beyond the range of the data.

Duration (years)	Frequency
$0 \leq d < 10$	9
$10 \leq d < 20$	13
$20 \leq d < 30$	16
$30 \leq d < 40$	2

fx
 45
 195
 400
 70

 710

Calculate an estimate of the mean.

$710 \div 40 = 17.75$ yrs

A line has equation $y = 5x + 1$

Write down the gradient of the line

5

Write down the coordinates of the y-intercept of the line

(0, 1)

Parker bought a house. In the first year the value of the house decreased by 10%.

In the second year the value of the house increased by 10%.

less - 1%

Is the house worth more, less, or the same as what Parker paid for it?

100% } 10% decrease
 90% }
 99% } 10% increase