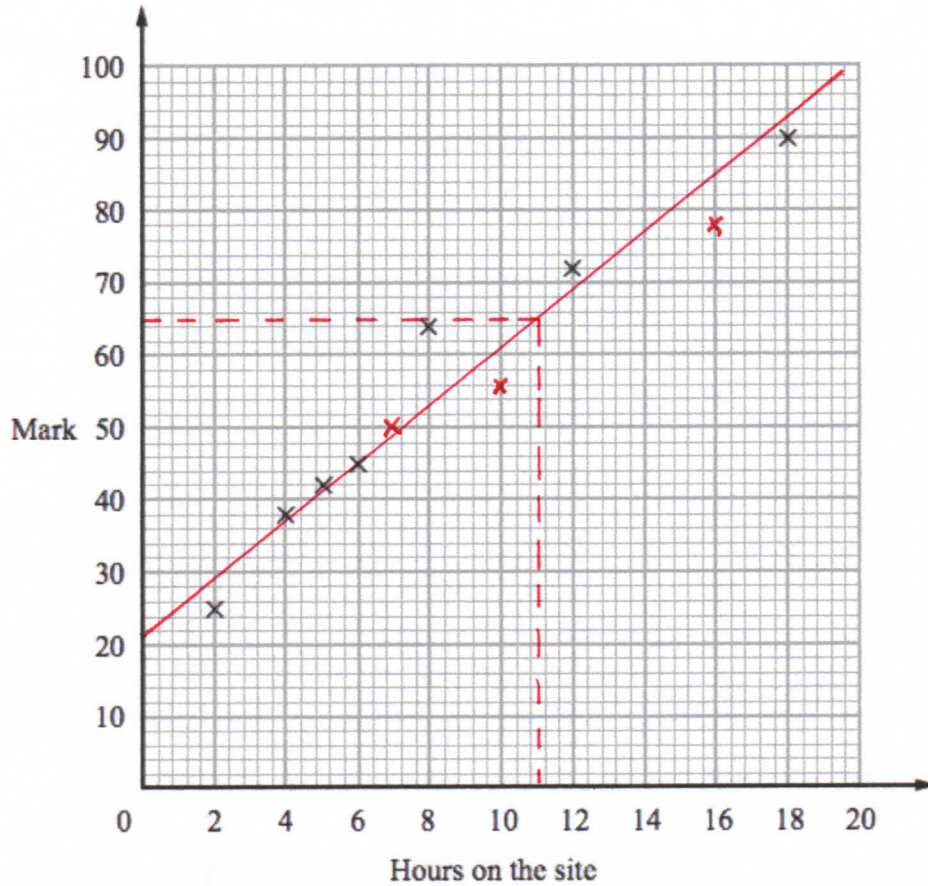


# Data - Scattergraphs

Some students revised for a mathematics exam.  
They used an internet revision site.

The scatter graph shows the times seven students spent on the internet revision site and the marks the students got in the mathematics exam.



Here is the information for 3 more students.

Hours on the site	7	10	16
Mark	50	56	78

(a) Plot this information on the scatter graph.

(1)

(b) What type of correlation does this scatter graph show?

*positive*

(1)

(c) Draw a line of best fit on the scatter graph.

A student spent 11 hours on the internet revision site.

(d) Use the line of best fit to estimate this student's mathematics exam mark.

*65 marks*