

$m3 = 21$ days to go!

1 (a) Write 2 **prime** numbers between 60 and 70

Answer _____ and _____ [2]

(b) Which of these is both a **square** number and a **cube** number?

8 16 36 64 100

Answer _____ [1]

(c) Write $\frac{3}{8}$ as a decimal.

Answer _____ [1]

(d) What percentage is £9 of £16?

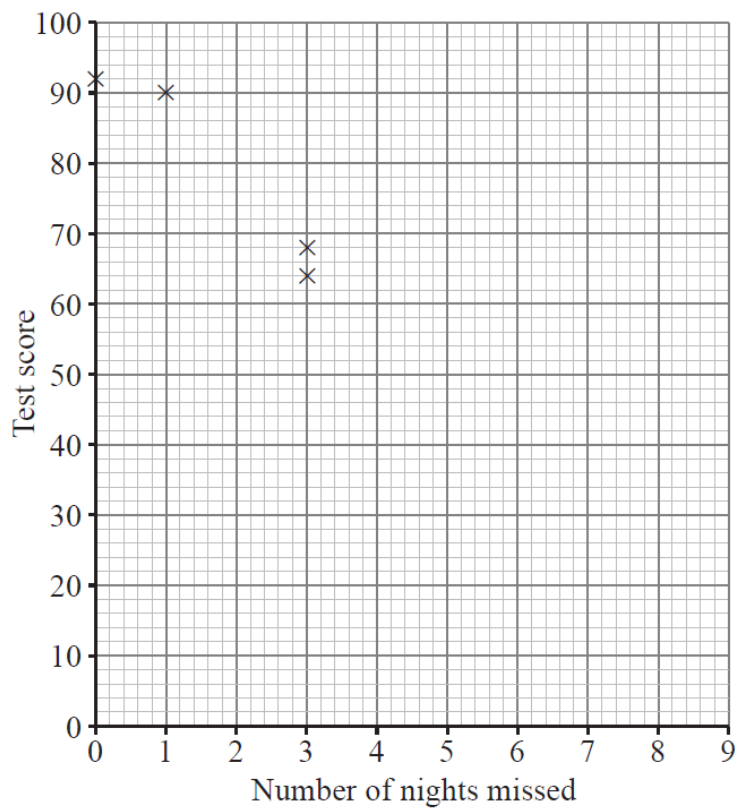
Answer _____ % [2]

- 11** A group of pupils do a first aid course over 8 nights.
There is a test at the end of the course.

The table shows the number of nights each pupil misses and their test score.

Pupil	A	B	C	D	E	F	G	H	I	J
Number of nights missed	0	3	1	3	2	1	0	5	1	5
Test score	92	64	90	68	80	82	86	42	76	46

- (a) The first 4 points are plotted on the scatter graph.
Plot the last 6 points.



[2]

- (b) Draw the line of best fit. [1]

- (c) Another pupil missed 4 nights of the course.
Use the graph to estimate their test score.

Answer _____ [1]

- (d) What type of correlation does your graph show?

Answer _____ [1]