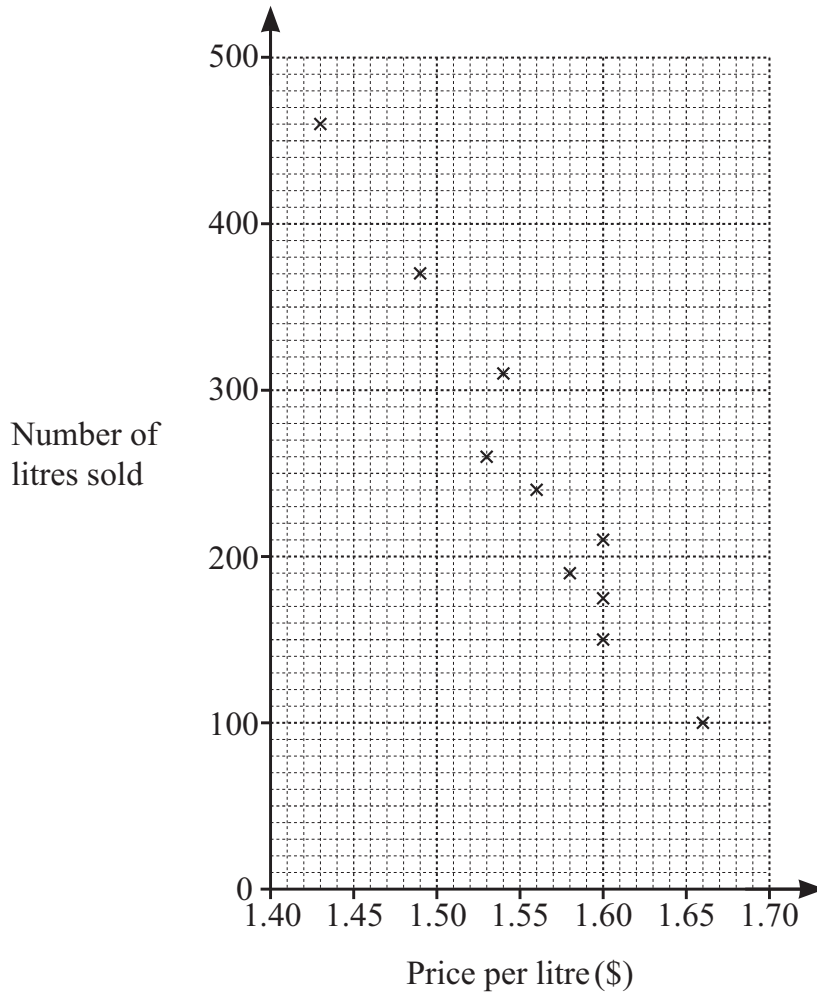


- 20 The scatter diagram shows the price of petrol per litre and the number of litres sold at a petrol station on each of ten days.



- (a) These are the results for two more days.

Price per litre (\$)	1.68	1.47
Number of litres sold	90	380

Plot this information on the scatter diagram.

[1]

- (b) What type of correlation is shown in the scatter diagram?

..... [1]

- (c) (i) On the scatter diagram, draw a line of best fit.

[1]

- (ii) One day the price of petrol was \$1.55 per litre.

Use your line of best fit to estimate the number of litres sold.

..... litres [1]