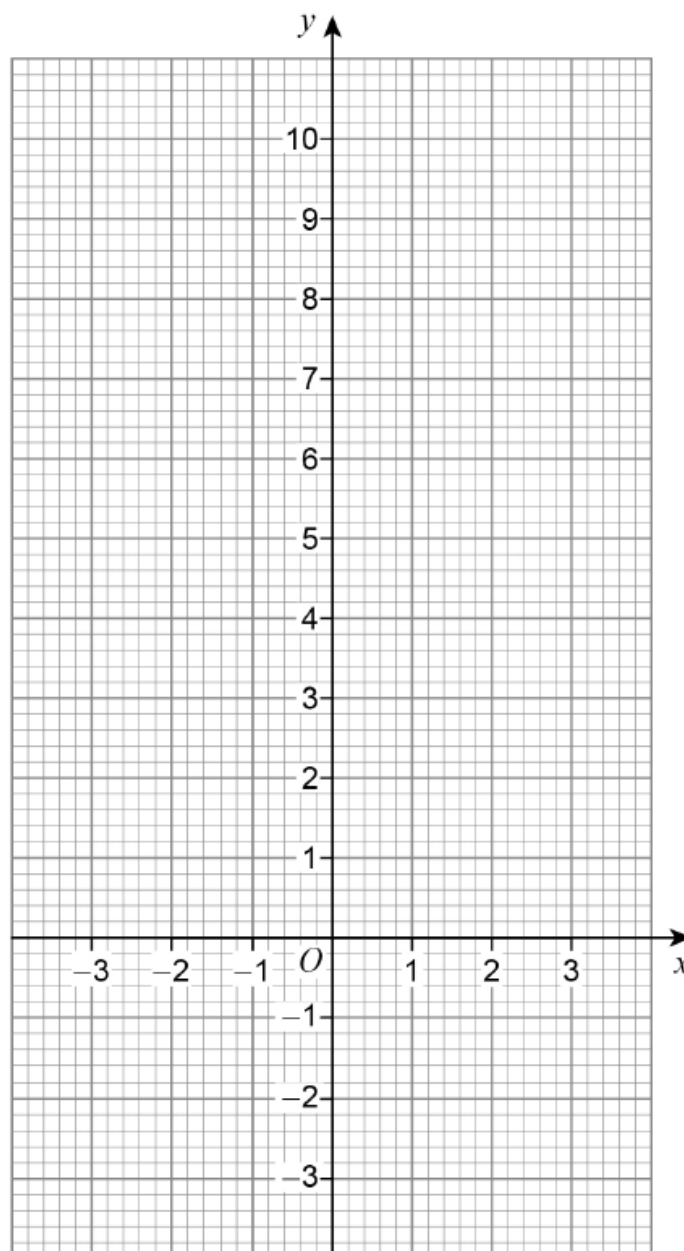


**AQA - Graphs – GCSE Mathematics Paper 3**1. **June/2021/Paper\_3F/No.15**(a) Complete the table of values for  $y = x^2 - 2$ **[1 mark]**

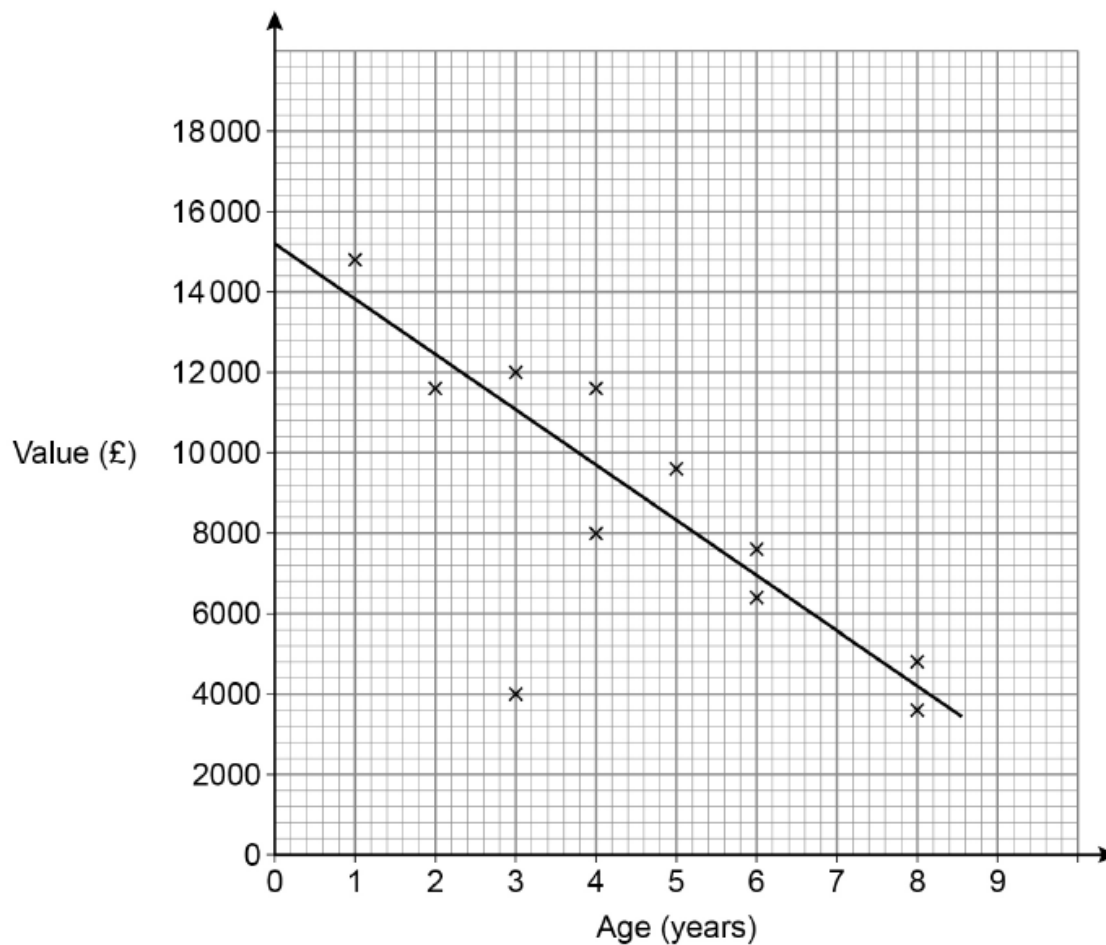
$x$	-3	-2	-1	0	1	2	3
$y$		2	-1	-2	-1		

(b) Draw the graph of  $y = x^2 - 2$  for values of  $x$  from -3 to 3**[2 marks]**

## 2. June/2021/Paper\_3F/No.18

The scatter diagram shows the age and value of some cars in 2019

All the cars were of the same make and model.



(a) What type of correlation does the scatter graph show?

[1 mark]

Answer \_\_\_\_\_

(b) Write down the value of the car that was an outlier.

[1 mark]

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Answer £ \_\_\_\_\_

(c) Use the graph to estimate the value of a new car of this make and model in 2019

[1 mark]

Answer £ \_\_\_\_\_

(d) A car of this make and model had a value of £5600 in 2019

Use the graph to estimate the year in which it was made.

[2 marks]

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Answer \_\_\_\_\_