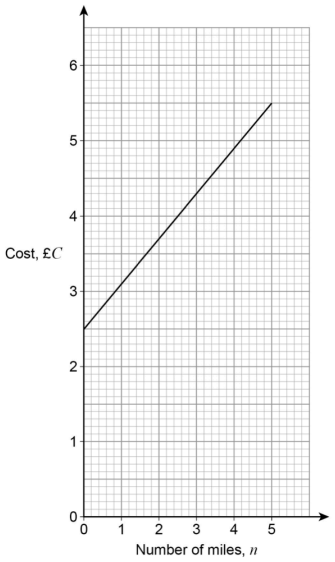
Q1. (2017)

14 The graph shows the cost of some taxi journeys.



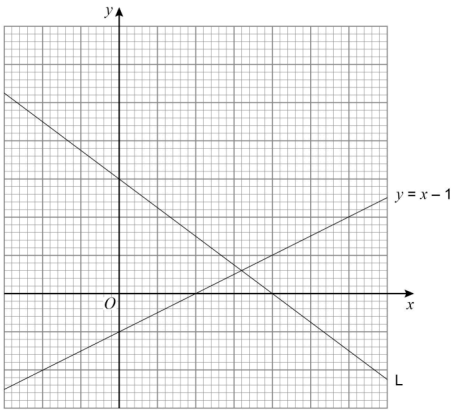
Work out a formula for C in terms of n.

[3 marks]

Q2. (2019)

15 Here is line L and the graph of $y = x - 1$

The scales of the axes are not shown.



Work out the equation of line L.

[4 marks]

Q3. (2021)

11 250 trains arrived at a station.

The number of trains that were late was recorded after every 50 trains.

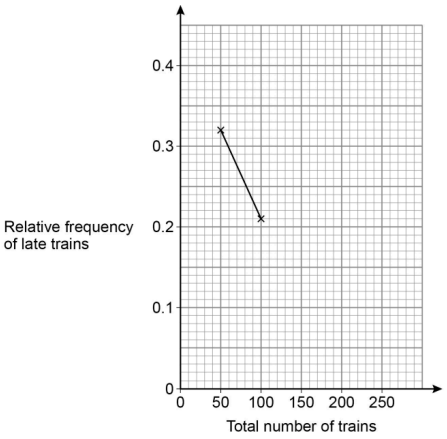
The table shows some information about the results.

Total number of trains	50	100	150	200	250
Total number of late trains	16	21	36	38	55
Relative frequency of late trains	0.32	0.21			

(A)

11 (a) Complete the relative frequency graph.

[3 marks]



(B)

11 (b) Write down the best estimate of the probability that a train arriving at the station is late.

[1 mark]

Answer _____

Q4. (2021)

13 A straight line

has gradient 6

and

passes through the point (3, 19)

Work out the equation of the line.

Give your answer in the form $y = mx + c$

[3 marks]