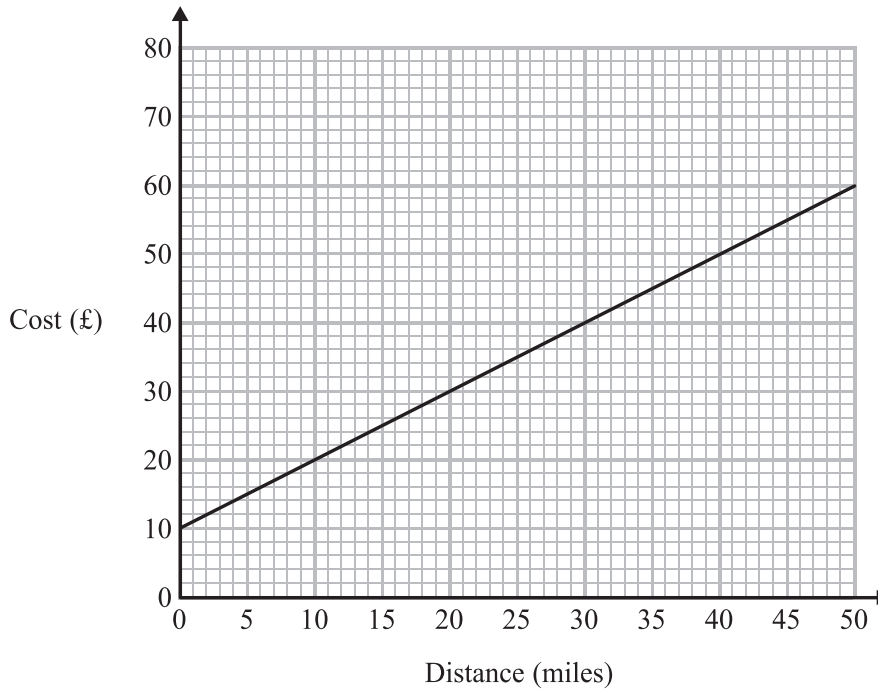


APPLICATION OF GRAPH - GCSE EDEXCEL (Higher)
Past Papers Questions
(Non Calculator)

- 1** Bill uses his van to deliver parcels.
 For each parcel Bill delivers there is a fixed charge plus £1.00 for each mile.
 You can use the graph to find the total cost of having a parcel delivered by Bill.



- (a) How much is the fixed charge?

£
 (1)

Ed uses a van to deliver parcels.
 For each parcel Ed delivers it costs £1.50 for each mile.
 There is **no** fixed charge.

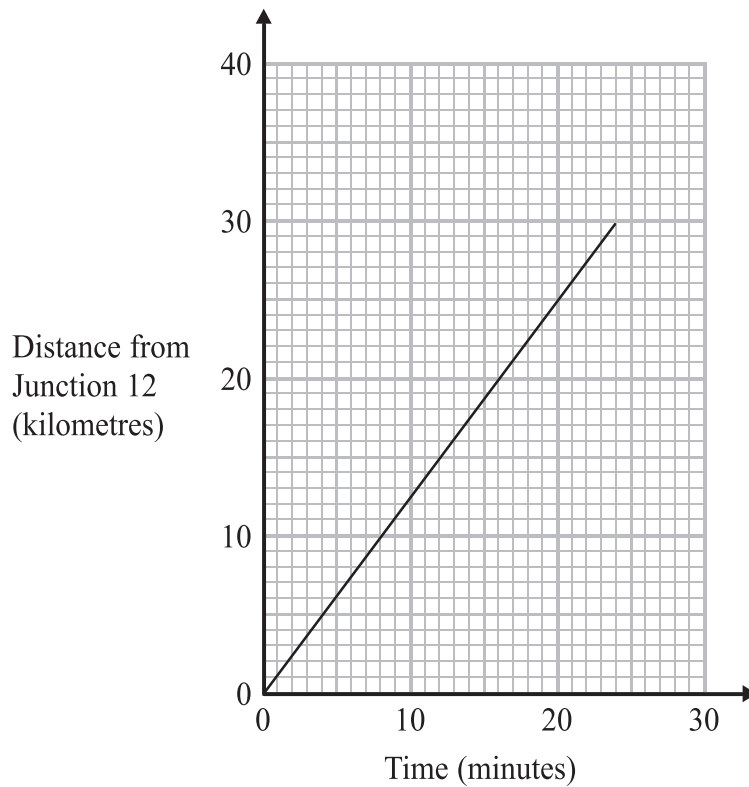
- (b) Compare the cost of having a parcel delivered by Bill with the cost of having a parcel delivered by Ed.

.....
 (3)

(Total for Question 3 is 4 marks)

2 Debbie drove from Junction 12 to Junction 13 on a motorway.

The travel graph shows Debbie's journey.

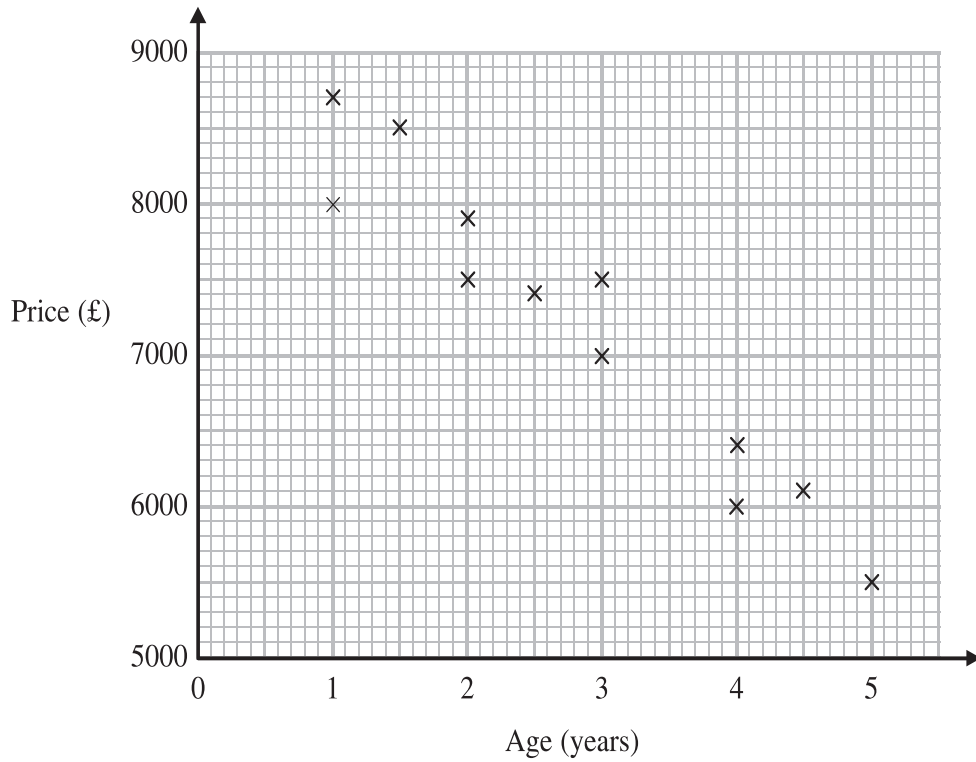


Ian also drove from Junction 12 to Junction 13 on the same motorway. He drove at an average speed of 66 km/hour.

Who had the faster average speed, Debbie or Ian?
You must explain your answer.

(Total for Question 11 is 4 marks)

- 3 The scatter graph shows information about the age and the price of each of 12 cars of the same model.



- (a) Describe the relationship between the age of a car and its price.

.....

.....

(1)

A different car of the same model is $3\frac{1}{2}$ years old.

- (b) Estimate the price of this car.

£.....

(2)

(Total for Question 6 is 3 marks)