

Answer all TWELVE questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

- 1** The manufacturer's price for a *Jinko* car is \$ x

Ben was given a 7% discount on the manufacturer's price when he bought a *Jinko*.
Ben paid \$23 622 when he bought his *Jinko*.

- (a) Calculate the value of x .

(2)

After a year Ben sold his *Jinko* for \$19 880

- (b) Calculate the percentage loss, to 3 significant figures, on the price Ben paid for his *Jinko*.

(2)

During the year that Ben owned the *Jinko*, he travelled d km in the car.

The average fuel consumption of the car was 10km per litre.

The average cost of the fuel he used was \$1.40 per litre.

Other costs for the car in the year came to \$938

The cost per km, including the loss in value, of his *Jinko* to Ben during the year that he owned the car was \$0.40

- (c) Calculate the value of d .

(4)

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

Question 1 continued

Handwriting practice area with horizontal dotted lines.

(Total for Question 1 is 8 marks)

