

Long Multiplication

Please write clearly in block capitals

Forename:

Surname:

Materials

For this paper you must have:

- mathematical instruments



You must **not** use a calculator.

Instructions

- Use black ink or black ball-point pen. Draw diagrams in pencil.
- Fill in the boxes at the top of this page.
- Answer all questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- Do all rough work in this book. Cross through any work you do not want to be marked.

Information

- The marks for questions are shown in brackets.
- You may ask for graph paper, tracing paper and more answer paper. These must be tagged securely to this answer book.

Advice

- In all calculations, show clearly how you work out your answer.

- 1 Using long multiplication, work out 256×59 .

(Level 3)

[2 marks]

$$\begin{array}{r} 256 \\ \times 59 \\ \hline \\ \hline \end{array}$$

Answer _____

- 2 Using long multiplication, work out 127×88 .

(Level 3)

$$\begin{array}{r} 127 \\ \times 88 \\ \hline \\ \hline \end{array}$$

Answer _____

[2 marks]

Turn over for next question

Turn over ►

3 Using long multiplication, work out 12.6×41 .

(Level 3)

[2 marks]

$$\begin{array}{r} 12.6 \\ \times 41 \\ \hline \end{array}$$

Answer _____

4 Using long multiplication, work out 6.43×94 .

(Level 3)

$$\begin{array}{r} 6.43 \\ \times 94 \\ \hline \end{array}$$

Answer _____

[2 marks]

Turn over for next question

Turn over ►

- 5** A school has to buy 29 resource packs for a class, at the cost of £4.65 per pack. (Level 3)
Find the total price of the resource packs for the class.
You must show your working.

[3 marks]

Answer _____

- 6** A school needs to plan lunch, on a school trip, for 325 students. (Level 4)
Each student needs the following:
- A sandwich costing £1.25
- A drink costing £0.90
- An ice-cream costing £0.99
In total, how much will it cost to provide lunch for all 325 pupils?
You must show your working.

[3 marks]

Answer _____

Turn over for next question

7 A company has two types of vehicles used for transporting goods. (Level 4)
The Ford Transit and the Fiat Ducato.
The Transit consumes petrol at 1 litre for every 17.4 km driven.
The Ducato consumes petrol at 1 litre for every 20.4 km driven.

7(a) If both vehicles have 36 litres of petrol in the tank, how far will they be able to drive?
Show your working.

[3 marks]

Answer _____

7(b) Which vehicle drives furthest, and by how much?

[2 marks]

Answer _____

End of Questions