

**Answer ALL TWENTY SEVEN questions.**

**Write your answers in the spaces provided.**

**You must write down all the stages in your working.**

- 1** Calculate the value of  $\frac{2.89}{12.3 - 9.91}$

Give your answer as a decimal to 5 significant figures.

(Total for Question 1 is 1 mark)

- 2** The  $n$ th term of a sequence is given by  $7 - 4n$

Determine whether  $-123$  is a term of this sequence.

Show your working clearly.

(Total for Question 2 is 2 marks)



DO NOT WRITE IN THIS AREA

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