

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)

