

**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)

