

4 Liam makes a sequence of numbers starting with 300
He subtracts 125 each time.

Write the next two numbers in Liam's sequence.

Handwritten mark 300 175 50

2 marks

5 The numbers in this sequence increase by 7 each time.

1 8 15 22 29

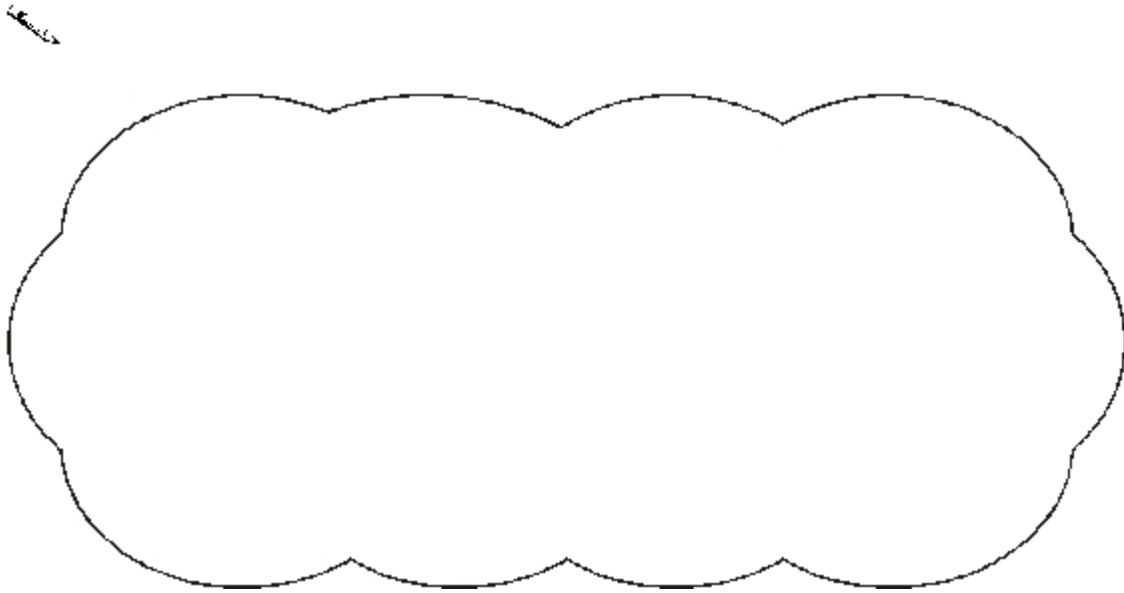
The sequence continues in the same way.

Will the number 777 be in the sequence?

Circle **Yes** or **No**.

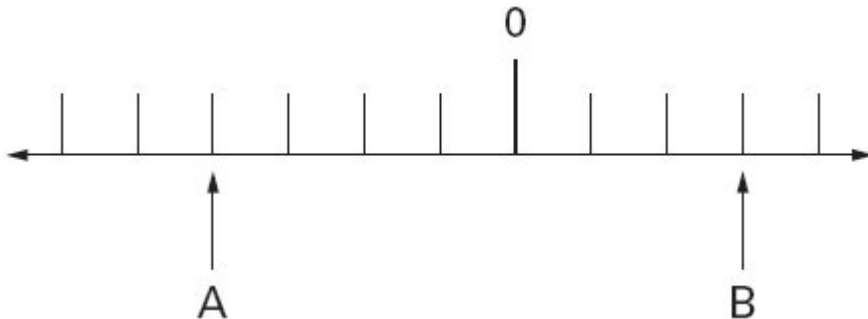
Handwritten mark Yes / No

Explain how you know.



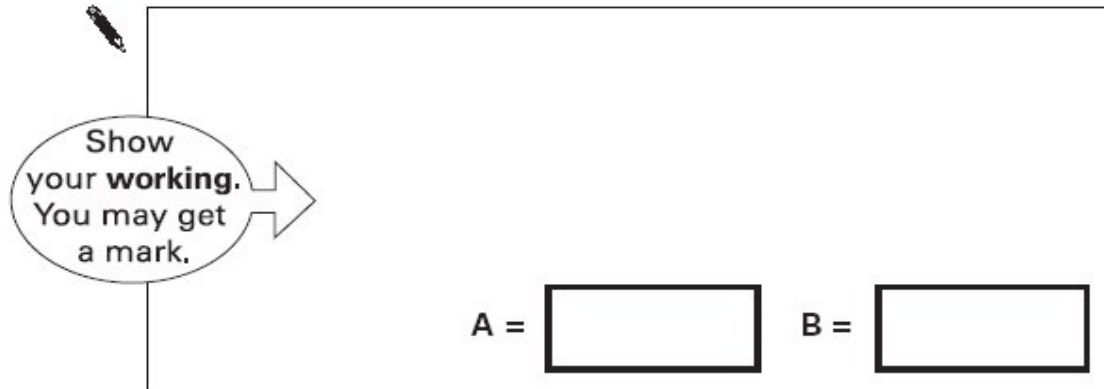
1 mark

6 A and B are two numbers on the number line below.



The **difference** between **A** and **B** is 140

Write the values of **A** and **B**.



Show your **working**.
You may get a mark.

A = B =

2 marks