

Q1. Here is a table of temperatures at dawn on the same day.

Temperatures °C	
London	-4°
Moscow	-6°
New York	-9°
Paris	+6°
Sydney	+14°

What is the **difference** in temperature between **London** and **Paris**?

 °C

1 mark

At noon the temperature in **New York** has **risen by 5°C**.

What is the temperature in **New York** at noon?

 °C

1 mark

Q2. Circle **two** numbers with a **difference** of **8**.



-5 -4 -3 -2 -1 0 1 2 3 4 5

1 mark

Write **two** numbers with a **sum** of **-6**



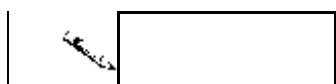
1 mark

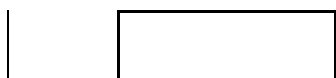
Q3. A sequence starts at **500** and **80** is **subtracted** each time.

500 420 340 ...

The sequence continues in the same way.

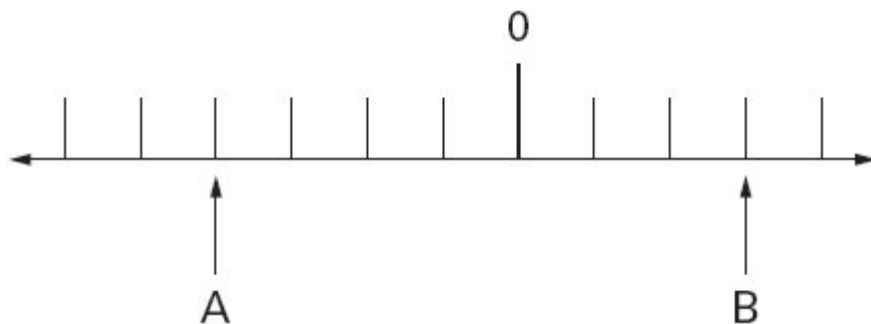
Write the **first two numbers** in the sequence which are **less than zero**.





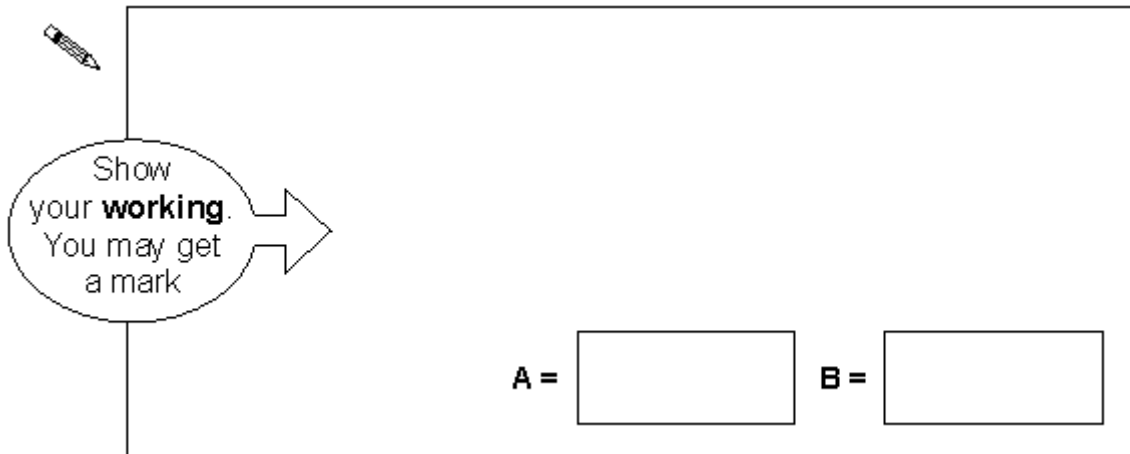
2 marks

Q4. **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

Q5. Liam makes a sequence of numbers starting with 300

He subtracts 125 each time.

Write the next two numbers in Liam's sequence.

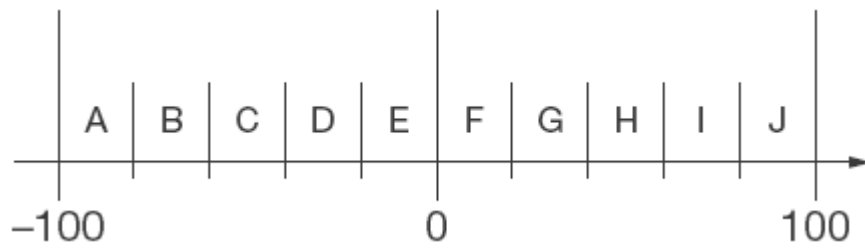


300 175 50

2 marks

Q6. Here is part of a number line.

It is divided into equal sections.



Write the letter of the section where each of these numbers belongs.

The number 99 has been done for you.


number	section
99	J
29	
-83	
-15	
44	

2 marks

Q7. Jon makes a sequence of numbers.

His rule is to add the **same amount** each time.

Write in the missing numbers.

 -1 19

1 mark

