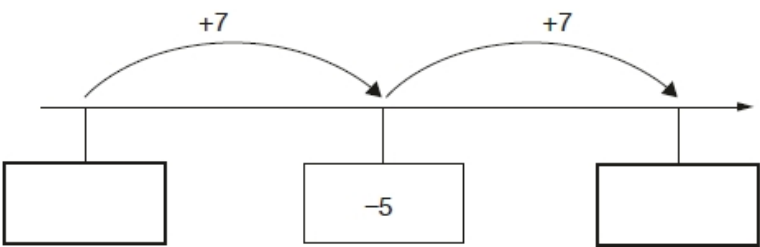


Year 6 Negative Numbers

Q1. Here is part of a number line.

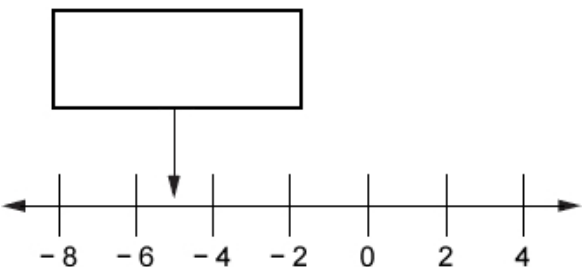
Write the missing numbers in the boxes.



2 marks

Q2. Here is part of a number line.

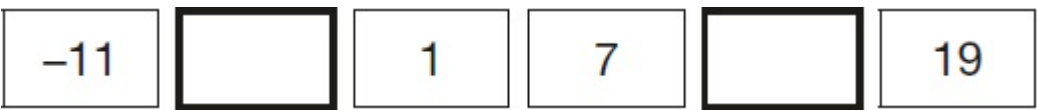
Write the number shown by the arrow.



1 mark

Q3. The numbers in this sequence increase by the same amount each time.

Write the missing numbers.

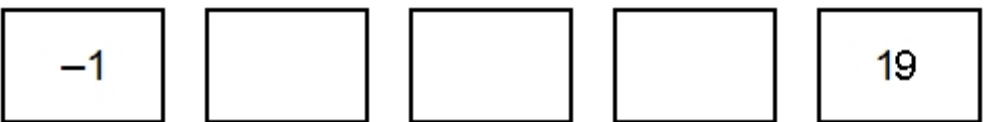


1 mark

Q4. Jon makes a sequence of numbers.

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

Write in the missing numbers.



1 mark

Q5. Put these temperatures in order, starting with the **lowest**.

21°C      -13°C      -24°C      0°C      35°C

°C

°C

°C

°C

°C

lowest

1 mark

Q6. Write these temperatures in order, starting with the **lowest**.

6°C      -4°C      1°C      -10°C      3°C

°C

°C

°C

°C

°C

lowest

1 mark

Q7. Write these temperatures in order from hottest to coldest.

92°C

37°C

-12°C

73°C

12°C

-2°C

\_\_\_\_\_ hottest

\_\_\_\_\_

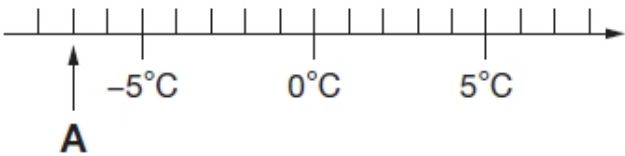
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ coldest

1 mark

Q8. Here is part of a temperature scale.



What is the temperature shown at **A**?

°C

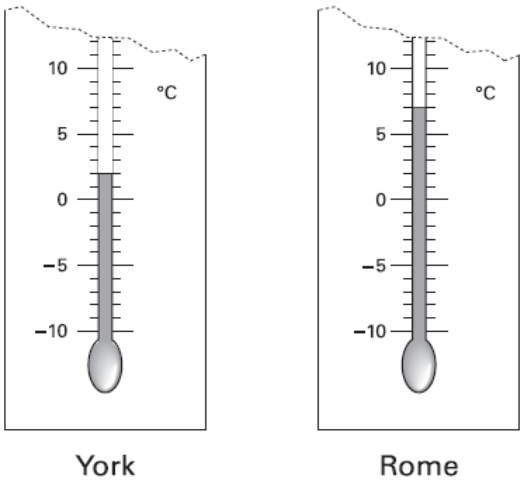
1 mark

What temperature is 20 degrees **higher** than **A**?

°C

1 mark

**Q9.** These are the temperatures in York and Rome on a day in winter.



How many degrees **colder** is it in York than in **Rome**?

°C

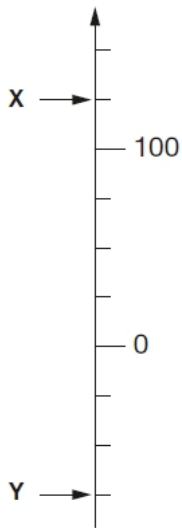
1 mark

On another day, the temperature in York is **4°C**  
Rome is **7 degrees colder** than York.  
What is the temperature in **Rome**?

°C

1 mark

**Q10.** Here is part of a number line.



What is the value of **X**?

X =

1 mark

What is the value of **Y**?

Y =

1 mark

Q11.



The temperature **inside** an aeroplane is **20 °C**.

The temperature **outside** the aeroplane is **-30 °C**.

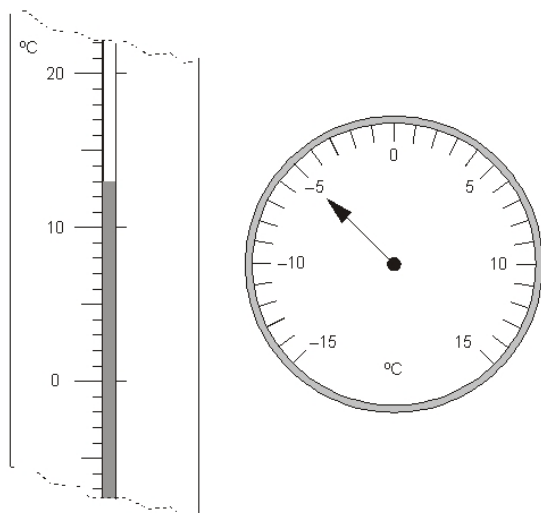
What is the **difference** between these temperatures?

degrees

1 mark

Q12. Here are two thermometers.

They show two different temperatures.



What is the **difference** between the two temperatures?

degrees

1 mark

Q13. The temperature in a freezer is **-40 °C**.

The temperature increases by **10 °C**.

What is the new temperature?

°C

1 mark