# Negative Numbers **Revision**

1. Complete the thermometer on the right hand side.

Use your thermometer to help answer the questions below.

2.
a) What is 2 more than 7$^{o}$C?     _____

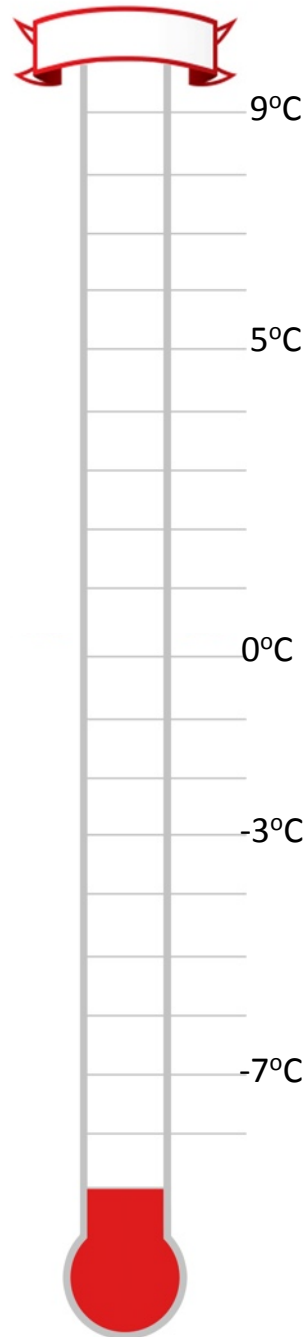b) What is 6 less than 5$^{o}$C?     _____

c) What is the difference between -8$^{O}$C and 1$^{o}$C?

_____

d) What is 3 less than 2$^{o}$C?     _____

e) What is 8 more than -3$^{o}$C?     _____

f) What is 6 less than -1$^{O}$C? _____

g) What is the difference between -3$^{O}$C and 4$^{O}$C?

_____

h) What is the difference between -5$^{o}$C and 5$^{o}$C?

9$^{o}$C

5$^{o}$C

0$^{o}$C

-3$^{o}$C

-7$^{o}$C

This task is similar to one that we already completed in our lessons way back in the first term. I've changed the numbers so let's see how much you remember!

# Maths Temperature and Negative Number Challenges!

This weather chart shows the highest and lowest temperatures in a town on five days in March.
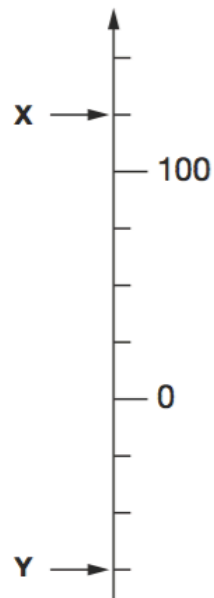
| | Temperature °C | |
| --- | --- | --- |
| | highest | lowest |
| Monday | +7 | 0 |
| Tuesday | +7 | −2 |
| Wednesday | +8 | −2 |
| Thursday | +9 | +1 |
| Friday | +4 | −5 |

Which day has the greatest difference between the highest and the lowest temperatures?
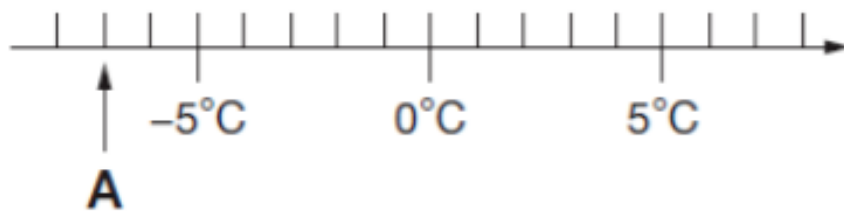
_____

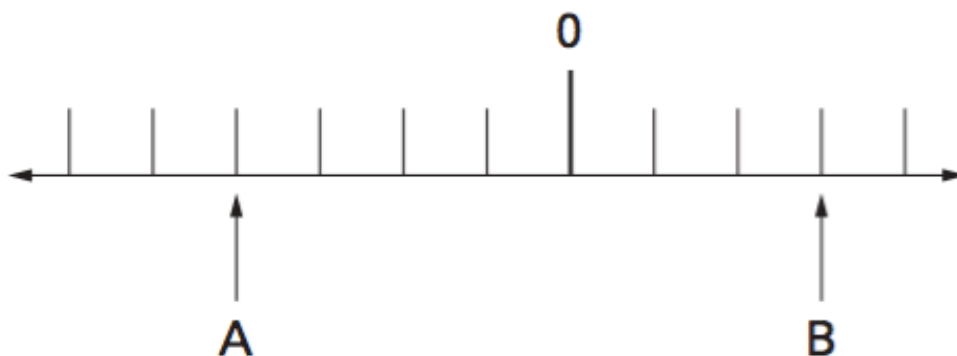**Complete x and y**

Here is part of a number line.

X →

— 100

— 0

Y →

Here is part of a temperature scale.



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

°C

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

0



A                              B

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

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

# Temperature Topic Challenge

Use your ICT skills (if you can) to try and
find the following cities.

Cape Town
Oslo
Moscow
Winnipeg
Orlando

• Write down today's HIGH temperature in each city.
• Calculate the difference in temperatures between the warmest and the
coldest city.

## Extension Challenge

**If you can** and if you **have time**. Choose a city and research -

•Its average monthly temperature.
•Its warmest year on record.
•The country.
•Its population.
•Its language.
•Anything else you wish to find out!

### Good luck Geographers!

Maths Challenge Answers

Wednesday - 10 degrees
125 and -75
-7
-80 and 60