

**YEAR 5**

Negative Numbers and Temperature

Draw a number line across the top of your page with zero in the middle. Nearly every question here becomes easy once you can see which way you are counting.

Name: _____

Date: _____

Score: _____

Section A • Ordering and comparing

Further left on the number line means smaller.

1 Put these in order, smallest first: 3, -7, 0, -2, 5

2 Which is colder, -4°C or -9°C ?

3 Which is greater, -3 or -13?

4 Write the number that is 5 less than 2.

5 Write the number halfway between -8 and 2.

Section B • Temperature changes

A fall means count left, a rise means count right.

1 The temperature is 6°C and falls by 9 degrees. What is the new temperature?

2 The temperature is -4°C and rises by 7 degrees. What is the new temperature?

3 At midnight it is -6°C . By noon it is 5°C . By how many degrees has it risen?

4 The temperature falls from 3°C to -8°C . By how many degrees has it fallen?

5 One city is -12°C and another is -5°C . What is the difference?

Section C • Calculating

Take care with two signs together.

1 Work out $-6 + 4$

2 Work out $3 - 8$

3 Work out $-5 - 4$

4 Work out $-7 + 12$

5 Work out -2×3

6 Work out $-10 \div 2$