

NUMBERS AND THE NUMBER SYSTEM

Pupils should be taught to:

Recognise and order negative numbers

As outcomes, Year 4 pupils should, for example:

Use, read and write in context:

integer, positive, negative, minus, above/below zero...

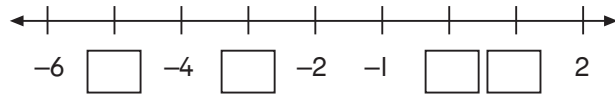
Recognise positive and negative whole numbers (integers) in contexts such as rungs on a ladder, above ground and below ground, on a temperature scale, on a weather chart...

Count back through zero:

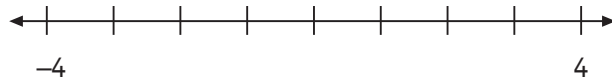
three, two, one, zero, negative one, negative two...

Respond to questions such as:

- What integers lie between -5 and 3 ?
- Put these shuffled cards from -15 to 5 in order.
- Fill in the missing numbers on this part of the number line.



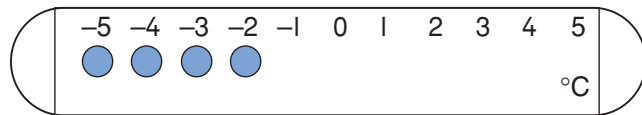
- Draw an arrow to point to -2 .



Use negative numbers in the context of temperature.

For example:

- What temperature does this thermometer show? (*minus 2°C*)



- Use a strip thermometer to take readings of:
 - your body temperature;
 - the temperature of the classroom window on a cold day;
 - the temperature of different objects on a freezing day, such as a wall, car body, your hands...
- Which temperature is lower: -4°C or -2°C ?
- Put these temperatures in order, lowest first:
 2°C , -8°C , -1°C , -6°C , -4°C .