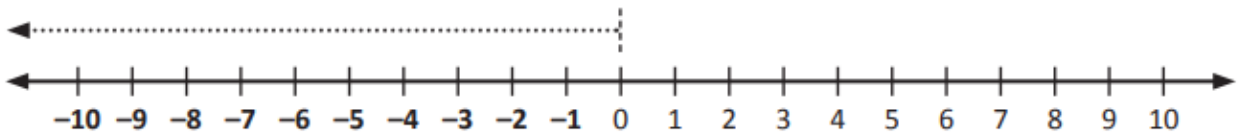


Whole numbers – negative numbers

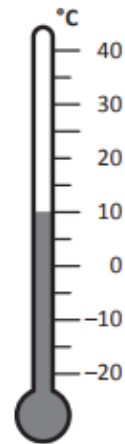
A **negative number** is any number less than zero.



We use negative numbers in different ways in real life. 0°C is the temperature at which water freezes. Any temperature below 0°C is expressed as a negative number, so -3°C is 3 degrees below freezing.

If someone spends more money than they have in their bank account, the amount they have overspent will be shown as a negative number.

For example, if your bank balance shows $-\text{£}100.00$, it means that you owe the bank $\text{£}100.00$!



1 Fill in the gaps in these number sequences:

a 4 3 2

b £3 £2 £1

c -4°C -3°C -2°C

d 20 15 10

e -8 -6 -4

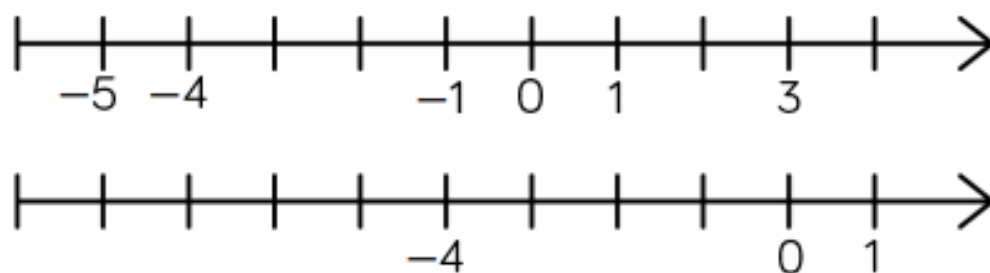
2 Solve these problems involving negative numbers:

a I am a negative number 2 more than -3 .
What am I?

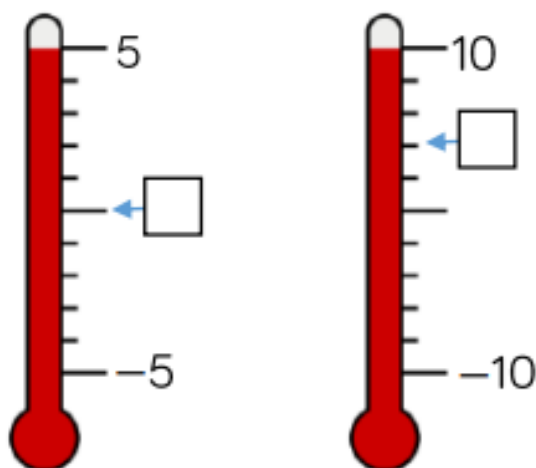
b If you count back in 5s from 10, I am the 3rd number you say. What am I?

c I am 4°C less than 2°C . What am I?

Complete the number lines



Fill in the missing temperatures on the thermometers.



Dexter is counting backwards out loud.

He says,

“Two, one, negative one, negative two, negative three ...”

What mistake has Dexter made?

Can you spot the mistake in these number sequences?

- a) 2, 0, 0, -2, -4
- b) 1, -2, -4, -6, -8
- c) 5, 0, -5, -10, -20

Explain how you found the mistake and convince me you are correct.