Objectives:

Calculate a rise or fall in temperature.

-6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6
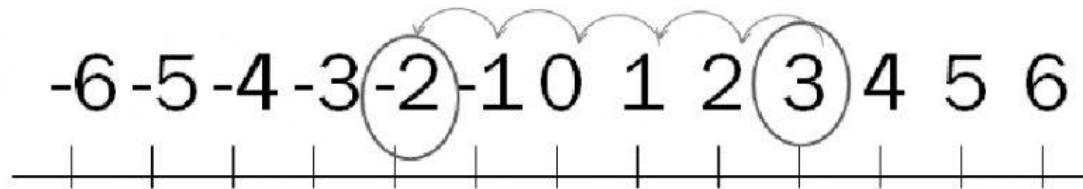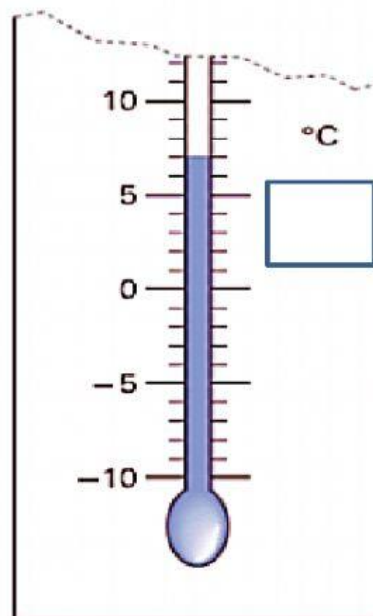
The difference between **3** and **− 2** is **5**

Q1- These are the temperatures in York and Rome on a day in winter.
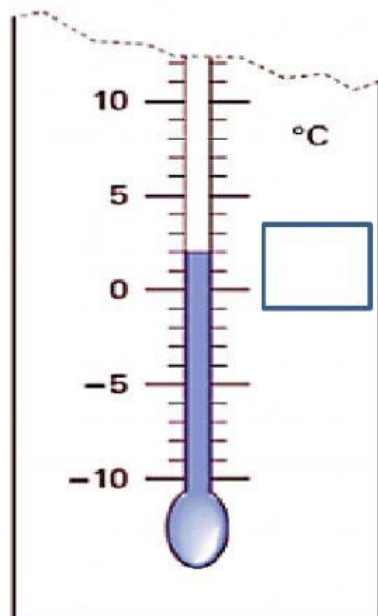
York

Rome

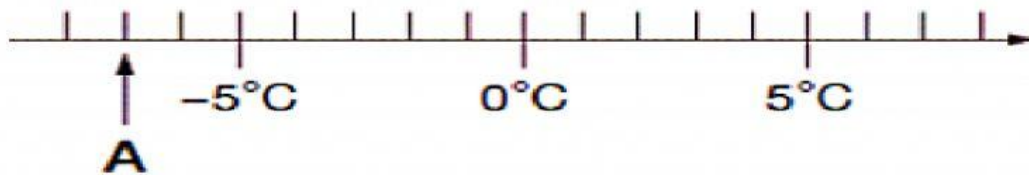How many degrees **colder** is it in York than in Rome?

☐ °C

On another day, the temperature in York is **4°C**

Rome is **7 degrees colder** than York.

What is the temperature in **Rome**?

☐ - ☐ = ☐ °C

Q2- Here is part of a temperature scale.

−5°C   0°C   5°C

A

What is the temperature shown at A?

	°C

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

	+ 20 =		°C

Q3- Here is a table of temperatures at dawn on the same day.

Temperatures °C	
London	−4º
Moscow	−6º
New York	−9º
Paris	+6º
Sydney	+14º

What is the **difference** in temperature between **London** and **Paris**?

	°C

At noon the temperature in **New York** has **risen by 5°C**.

What is the temperature in **New York** at noon?

	+ 5 =		°C