1. Here are two thermometers.

    They show two different temperatures.

°C

20

10

−5

0

5

−10

10

−15

15

°C

What is the **difference** between

the two temperatures?

✎...............................degrees
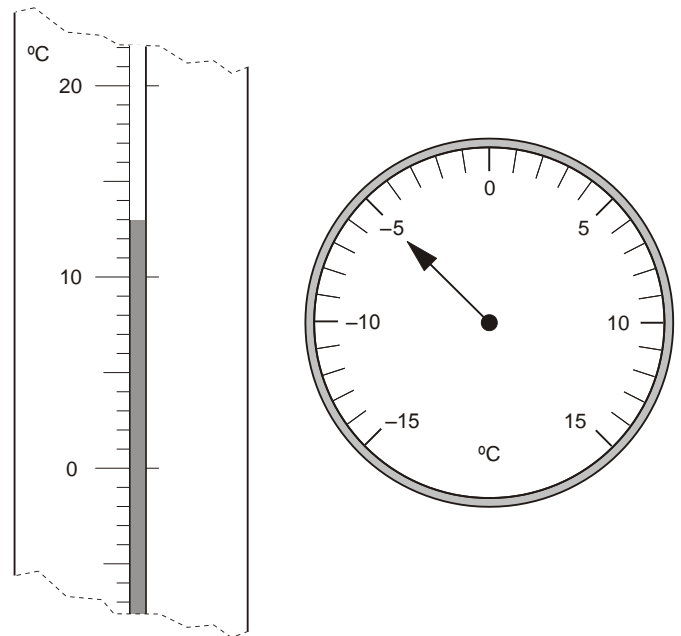
2. Two thermometers show the temperature

inside and outside a greenhouse on a day in January.

Inside

Outside

How many degrees **warmer** was it inside the

greenhouse than outside?

✎.............................. °**C**

Later the temperatures were

inside	outside
−1°C	−8°C

What is the difference between these two temperatures?

✎...................................°**C**

Inside thermometer scale: 18, 16, 14, 12, 10, 8, 6, 4, 2, 0, −2, −4, −6, −8, −10 °C

Outside thermometer scale: 18, 16, 14, 12, 10, 8, 6, 4, 2, 0, −2, −4, −6, −8, −10 °C
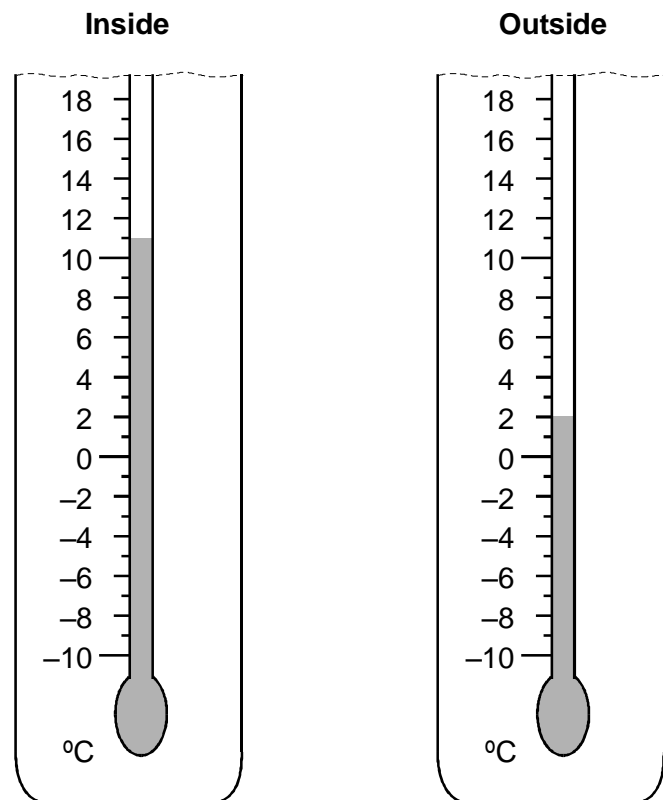
3. These are the temperatures in York and Rome on a day in winter.

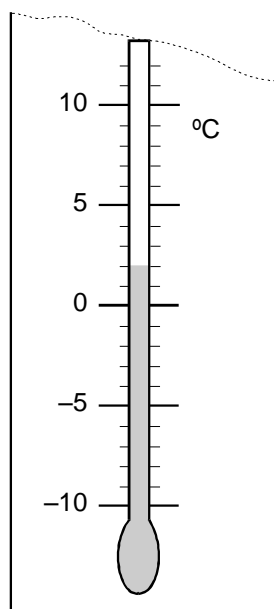How may degrees **colder** is it in York than in **Rome**?

✎ ....°C

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

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

What is the temperature in **Rome**?
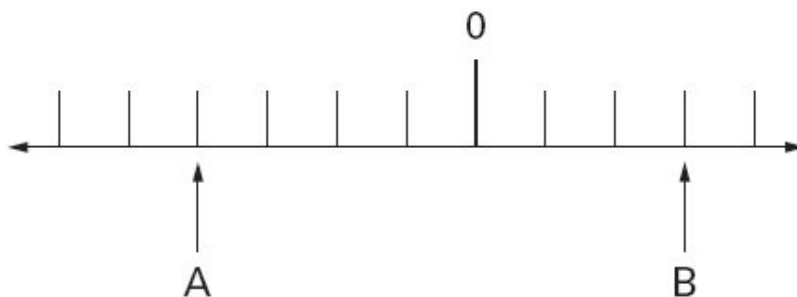
✎ ....°C

York
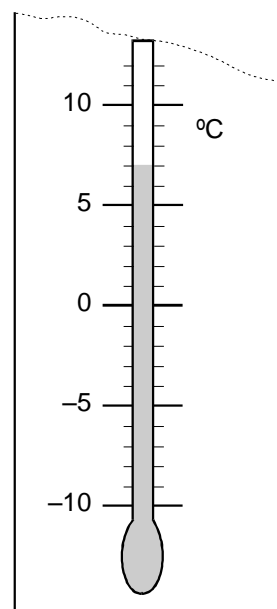
Rome

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

0

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

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

A   B

✎

Show your **working.**
You may get a mark.

A = [   ]   B = [   ]

5. The temperature **inside** an aeroplane is **20 °C**.

The temperature **outside** the aeroplane is **–30 °C**.

What is the **difference** between these temperatures?

..........................°C

6. Circle **two numbers** which have a **difference of 2**

–1   –0.5   0   0.5   1   1.5

7. Order these numbers

-3   -6   7   2   -1

....

8. Circle the two numbers which have a difference of 3

–2   –0.5   0   1.5   2   2.5