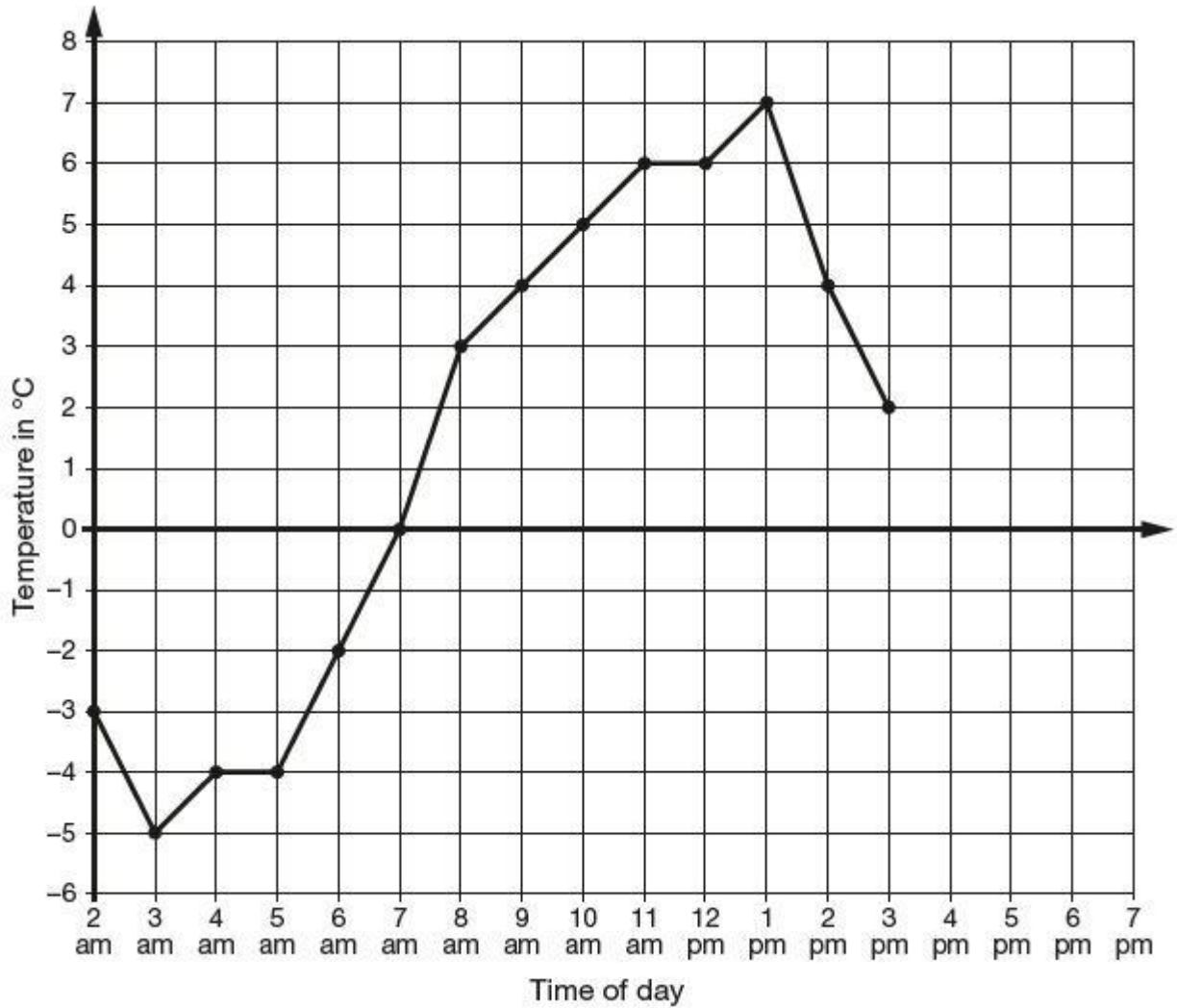


Q1. This graph shows the temperature in °C from 2 am to 3 pm on a cold day.



How many degrees **warmer** was it at 3 pm than at 3 am?

 °C

1 mark

At 6 pm the temperature was 4 degrees lower than at 3 pm.

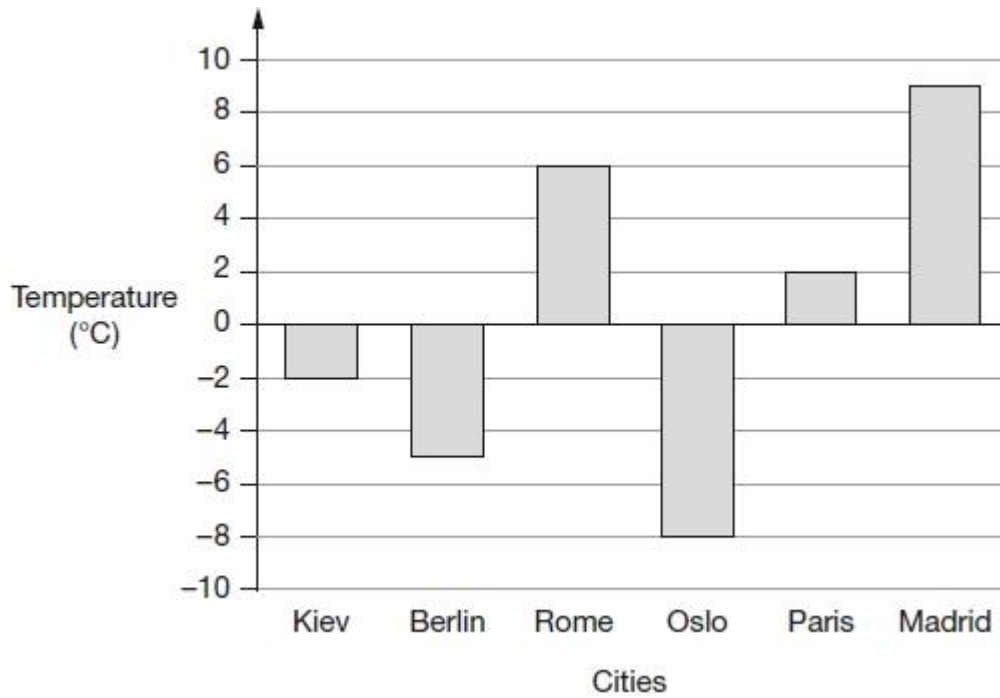
What was the temperature at 6 pm?

 °C

1 mark

Q2.

This graph shows the temperature in six cities on one day in January.



Which city was 4 degrees **warmer** than Kiev?

_____ 1 mark

What was the **difference** between the temperature in Oslo and the temperature in Berlin?

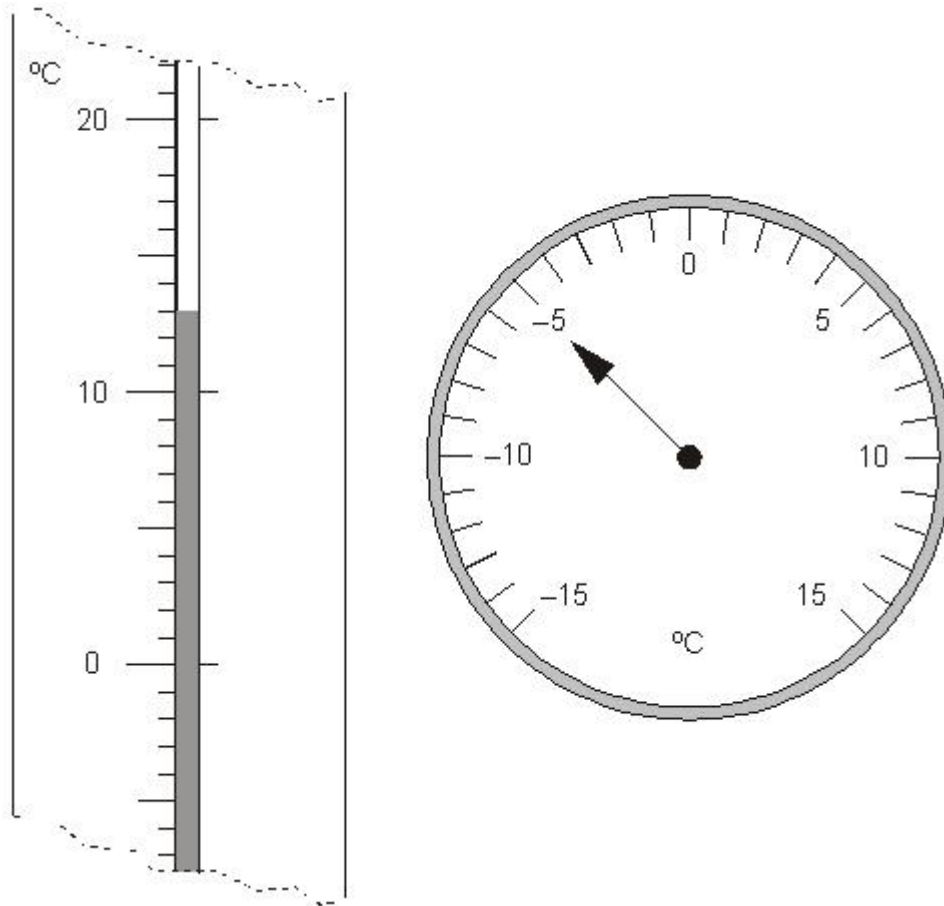
°C

1 mark

Q3.

Here are two thermometers.

They show two different temperatures.



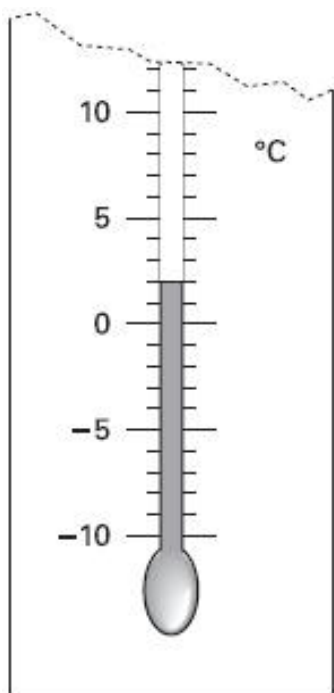
What is the **difference** between the two temperatures?

degrees

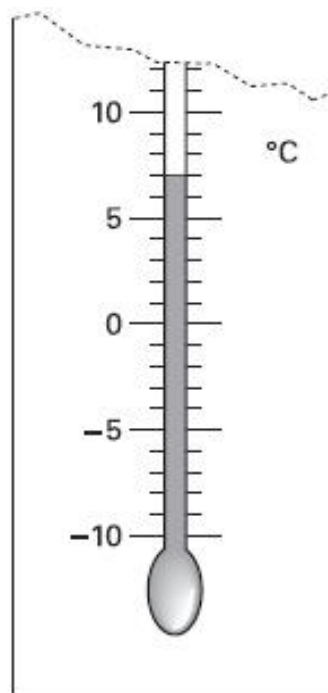
1 mark

Q4.

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

1 mark

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

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

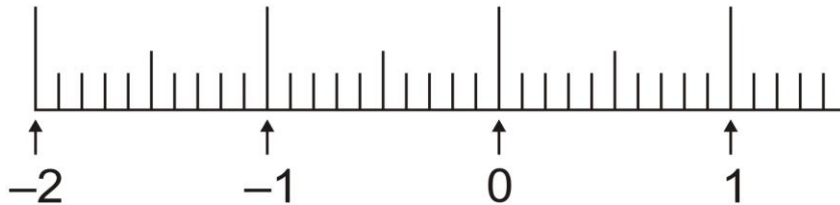
What is the temperature in **Rome**?

 °C

1 mark

Q5.

Mark with arrows the points -1.5 and 0.45 on the number line.



2 marks

Q6.

The list below shows the years in which the Cricket World Cup was held since 1992:

1992, 1996, 1999, 2003, 2007, 2011, 2015

Adam says,



Adam is **not** correct.


Explain how you know.

A large, empty, cloud-shaped bubble with a scalloped border, intended for the student to write their explanation.

1 mark


Q7.

A




£135,300

B




£119,125

C




£130,500

D



£131,500

E



£91,500

Put these houses in order of price starting with the **lowest price**.

One has been done for you.

_____ **B** _____

lowest

1 mark

Q8.

In the circles, write a multiple that belongs to each set.

One has been done for you.

numbers from 1 to 99 — multiple of 10 — (50)

numbers from 101 to 199 — multiple of 20 — ()

numbers from 201 to 299 — multiple of 30 — ()

numbers from 301 to 399 — multiple of 40 — ()

2 marks

Q9.

Here is part of a number grid.

| | | | |
|----|----|----|----|
| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 |

Here is another part of the **same** grid.

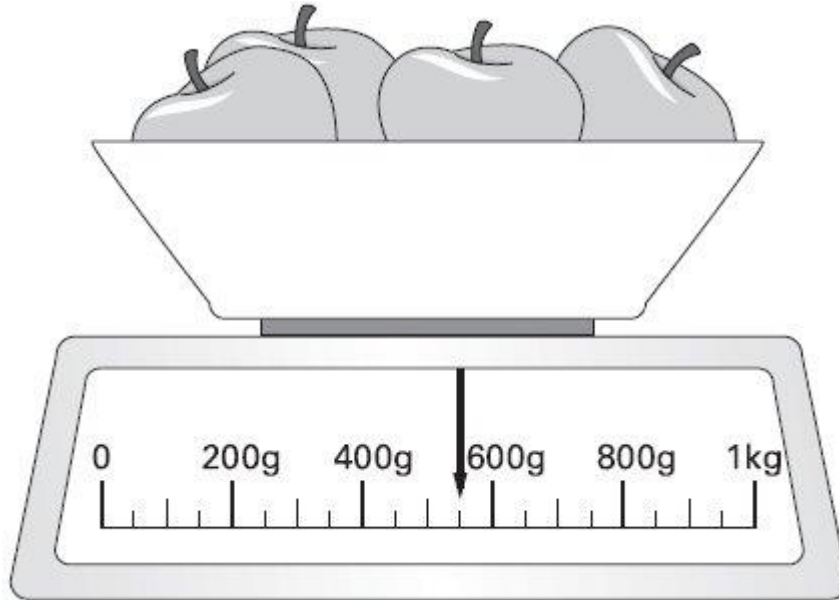
Write in the missing number.

| | |
|--|-----|
| | 95 |
| | |
| | 103 |

1 mark

Q10.

Here are some apples.



What is the total weight of these apples?

g

1 mark

Q11.

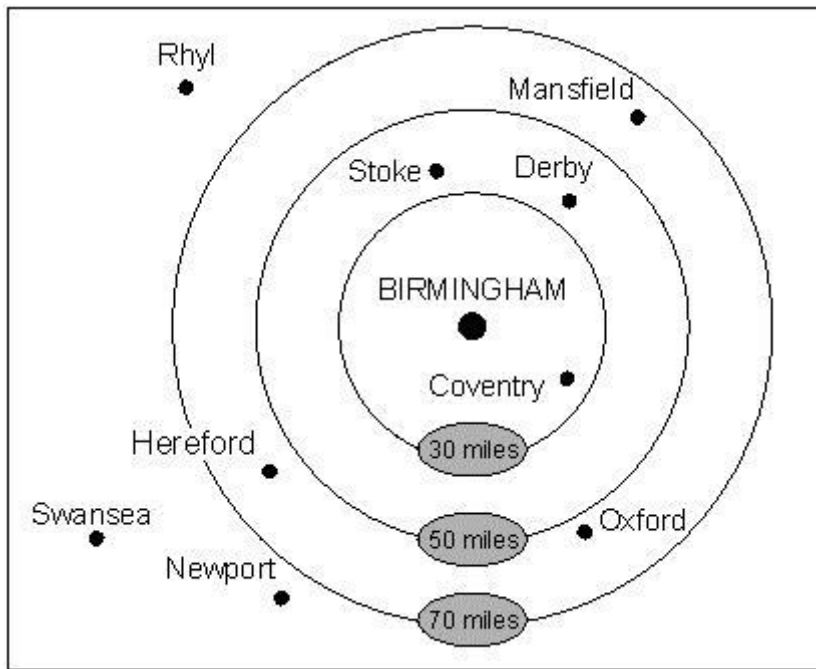
A car costs **more** than **£8600** but **less** than **£9100**

Tick (✓) the prices that the car could cost.

- £8569
- £9090
- £9130
- £8999

Q12.

This diagram shows the distances of different towns from Birmingham.



Write the name of a town which is **between 30 and 50 miles** from Birmingham.

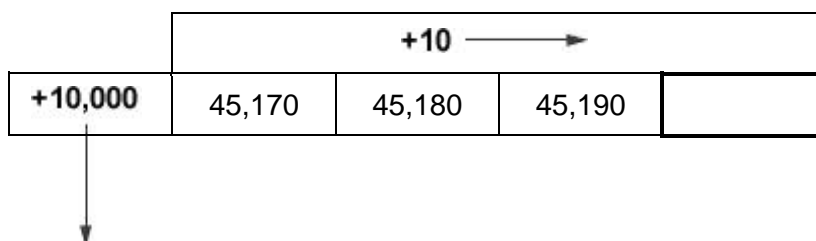
1 mark

Use the diagram to estimate the distance in **miles** from **Birmingham** to **Mansfield**.

1 mark

Q13.

Write the three missing numbers in the empty boxes.



| | | | | |
|--|--------|--|--|--|
| | 55,170 | | | |
| | 65,170 | | | |
| | | | | |

2 marks

