Q1.

Complete the table.

	Round 39,476
to the nearest 10,000	
to the nearest 1,000	
to the nearest 100	

2 marks

Q2.

3,576,219

Which digit is in the **ten thousands** place?

1 mark

Round 3,576,219 to the **nearest million**.

1 mark

Q3.

The numbers in this sequence **decrease** by the same amount each time.

303,604 302,604 301,604 300,604 …

What is the next number in the sequence?

1 mark

Q4.

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.

1 mark

Q5.

Round **84,516**

to the nearest 10 ☐

to the nearest 100 ☐

to the nearest 1,000 ☐

2 marks

Q6.

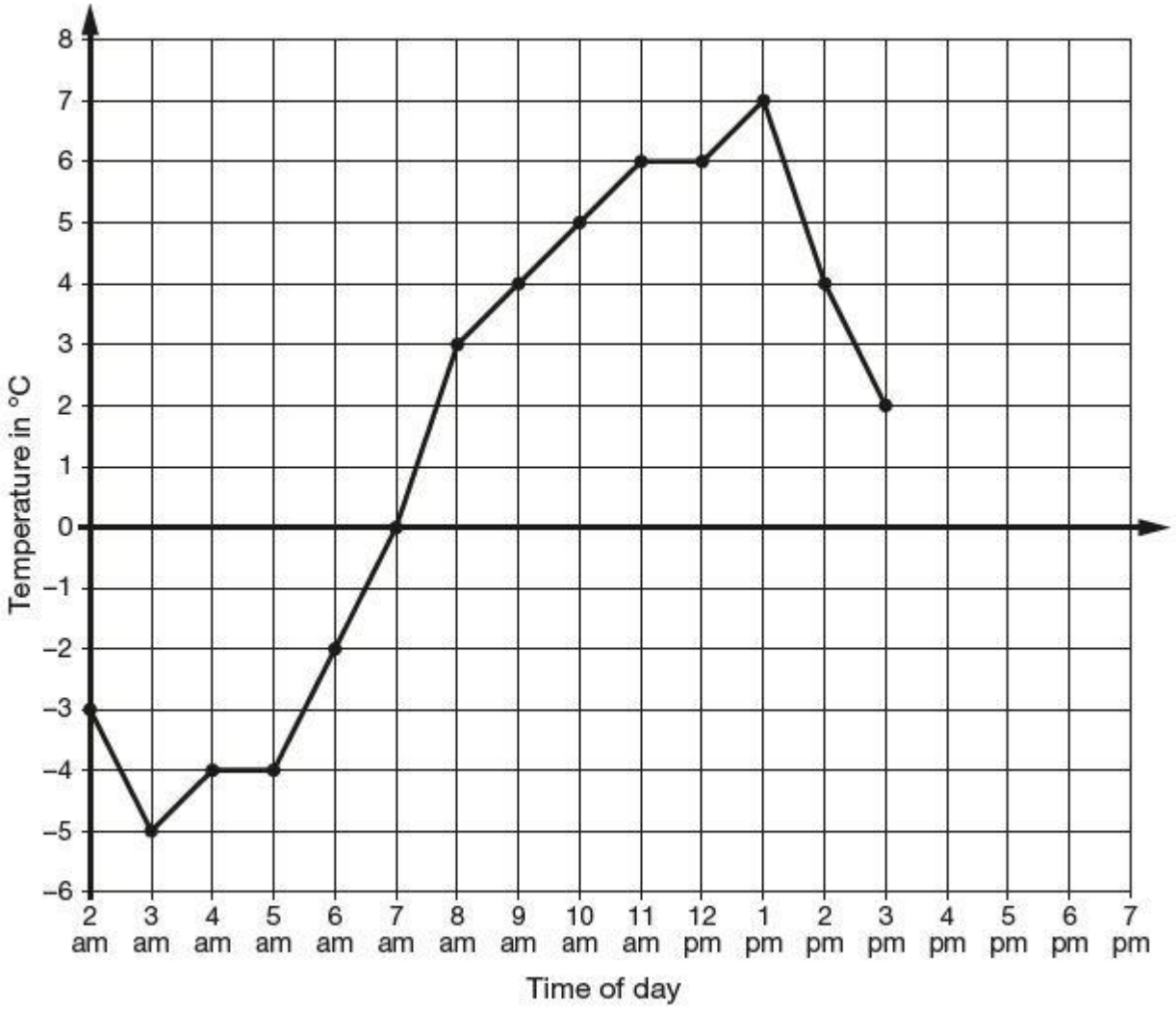
At the end of a film, the year is given in Roman numerals.

Write the year MMVI in **figures**.

1 mark

Q7.

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

Q8.

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

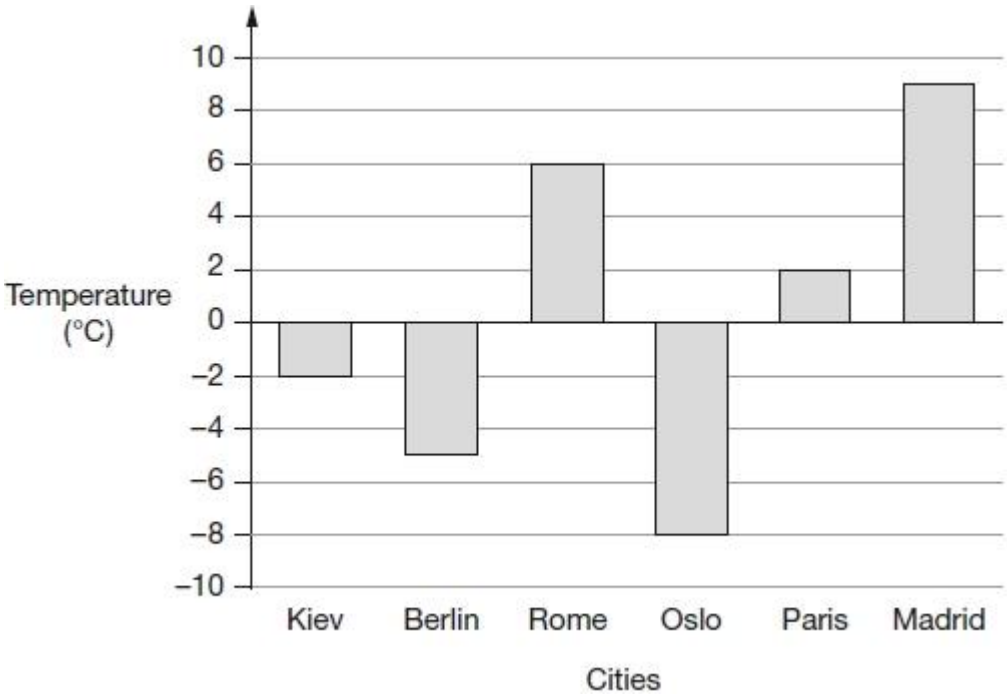
One has been done for you.

	B			
lowest				

1 mark

Q9.

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?

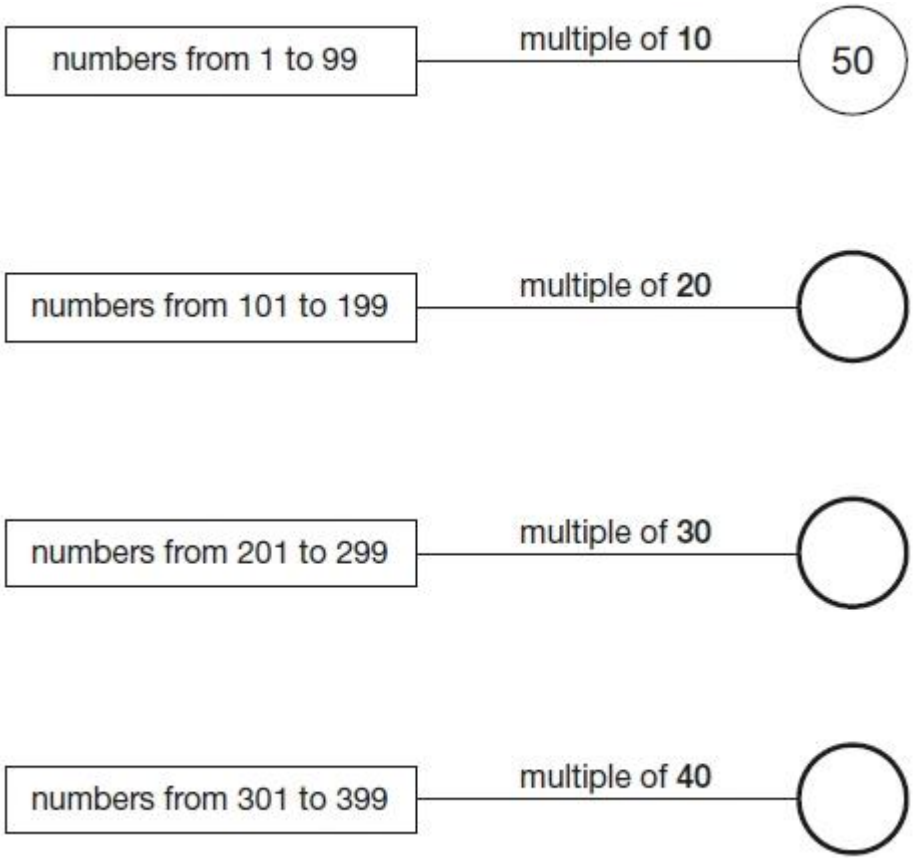
°C

1 mark

Q10.

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

One has been done for you.



2 marks

Q11.

Look at this number.

23,451.96

Write the **digit** that is in the hundreds place.

1 mark

Write the **digit** that is in the hundredths place.

1 mark

Q12.

Write the number 53,148 in **words.**

_____

1 mark

Q13.

Complete this table to show the numbers rounded to the **nearest 100**.

One has been done for you.

	rounded to the nearest hundred
316	300
3162	
31628	
316281	

2 marks

Q14.

The numbers in this sequence increase by 3 each time.

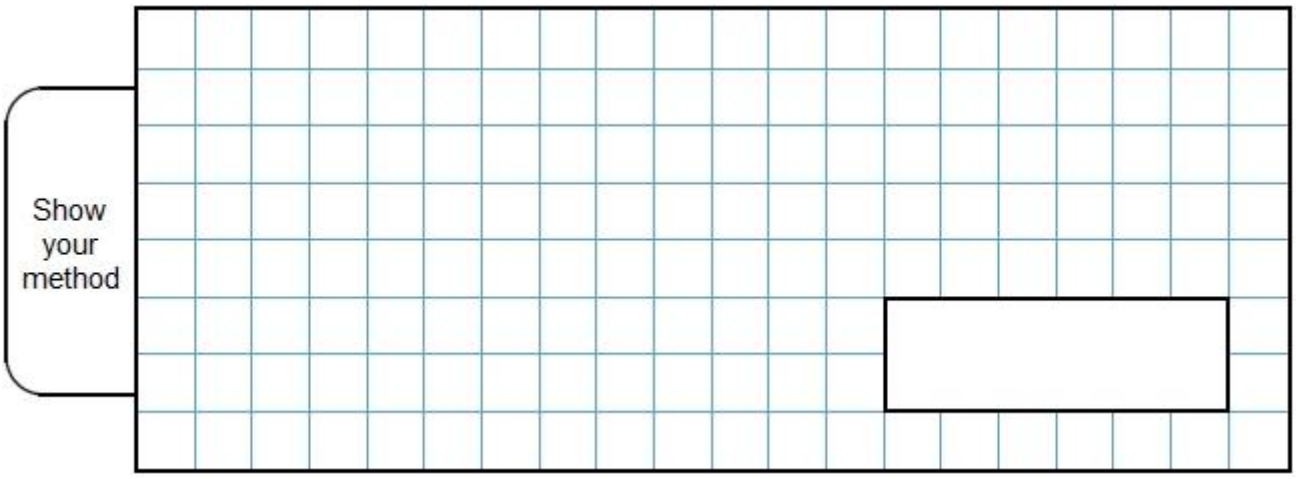
3 6 9 12 . . .

The numbers in this sequence increase by 5 each time.

5 10 15 20 . . .

Both sequences continue.

Write a number **greater than 100** which will be in **both** sequences.

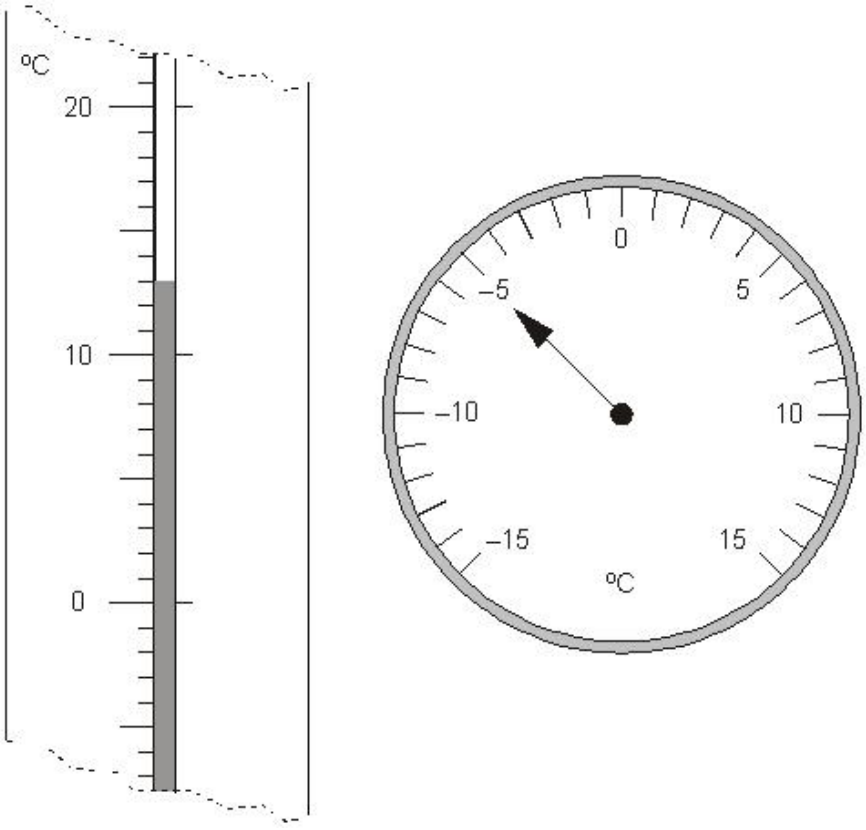


2 marks

Q15.

Here are two thermometers.

They show two different temperatures.



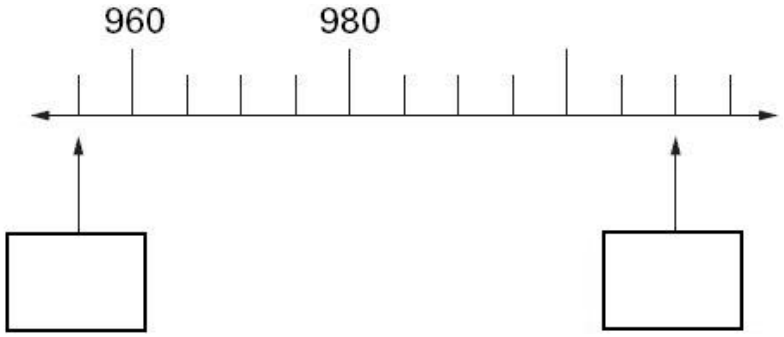
What is the **difference** between the two temperatures?

degrees

1 mark

Q16. Here is part of a number line.

Write the two missing numbers in the boxes.



2 marks

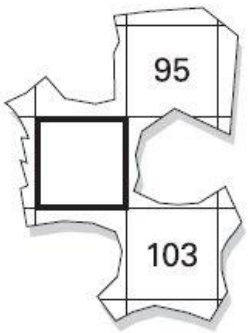
Q17.

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.

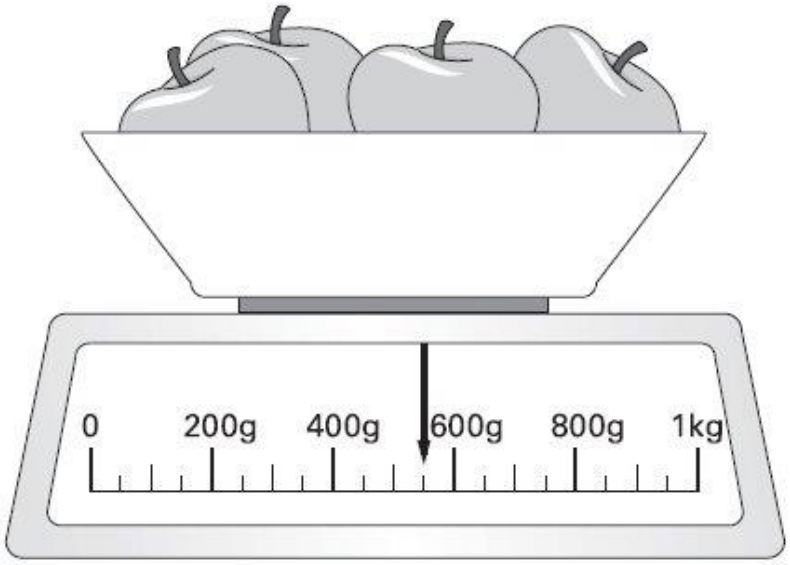
Write in the missing number.



1 mark

Q18.

Here are some apples.



What is the total weight of these apples?

g

1 mark

Q19.

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

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

£8569 ☐

£9090 ☐

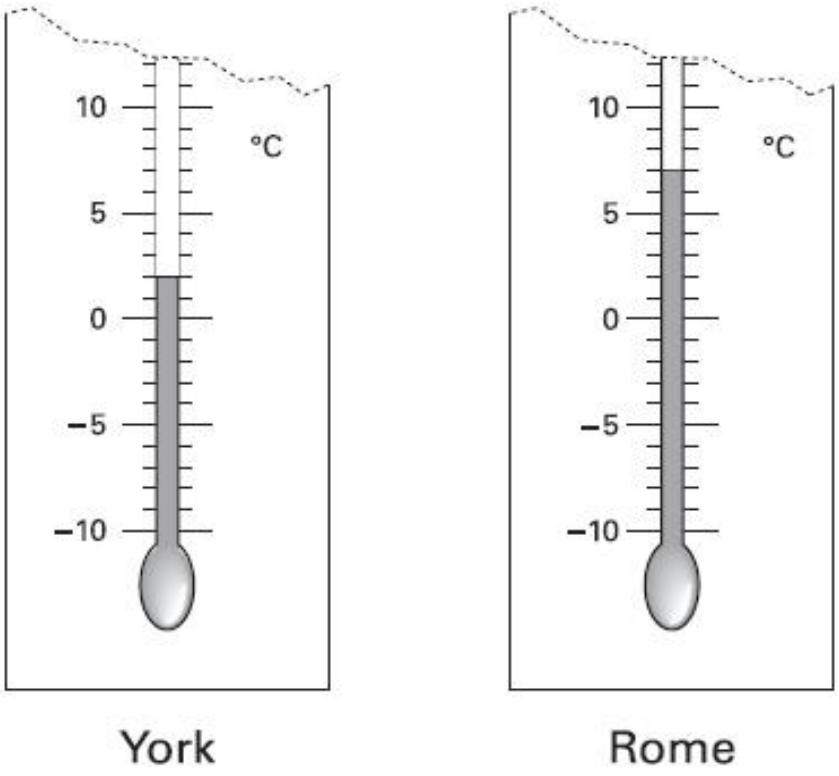
£9130 ☐

£8999 ☐

1 mark

Q20.

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

1 mark

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

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

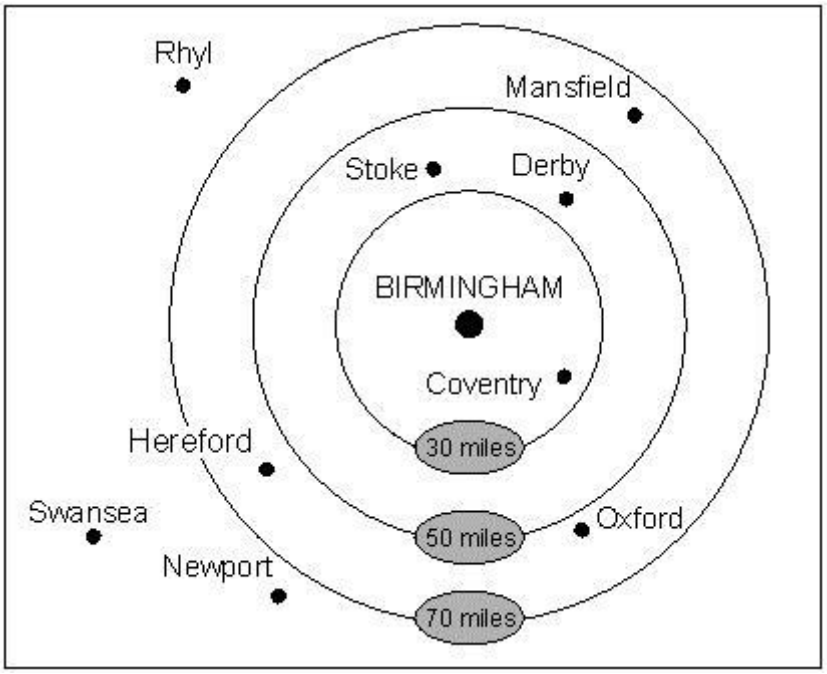
What is the temperature in **Rome**?

°C

1 mark

Q21.

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

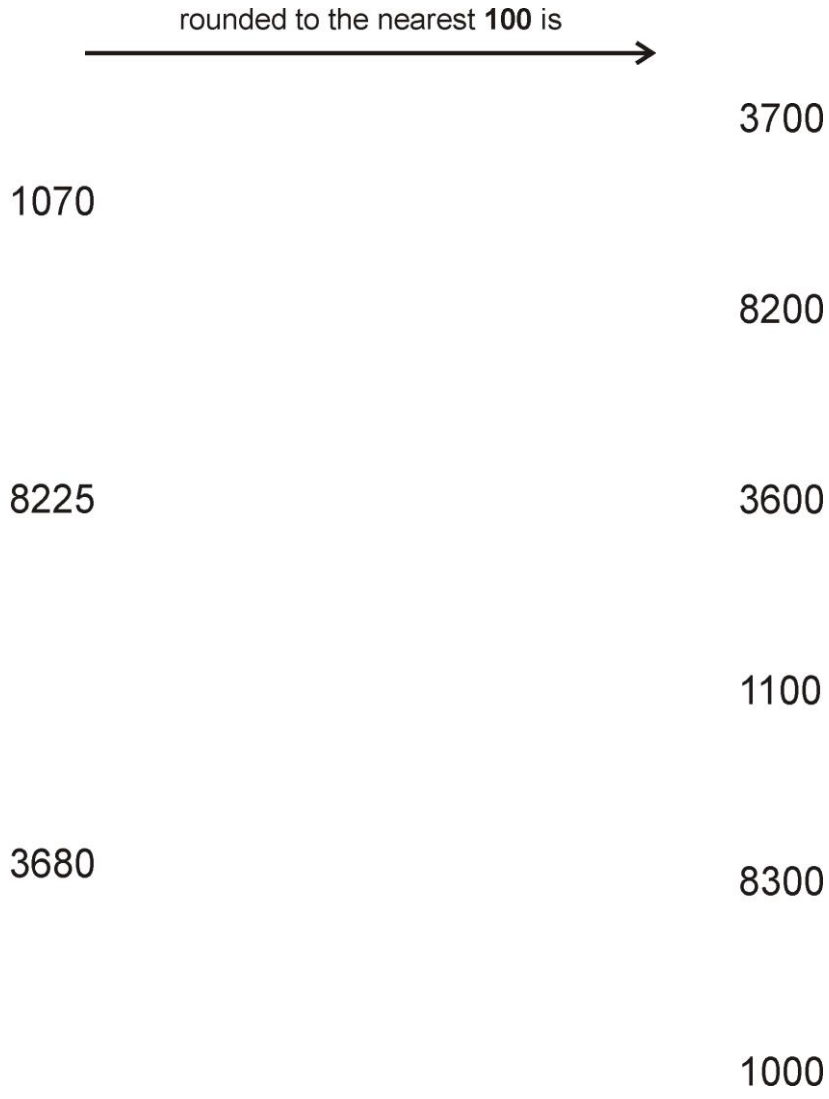
Use the diagram to estimate the distance in **miles** from **Birmingham** to **Mansfield**.

miles

1 mark

Q22.

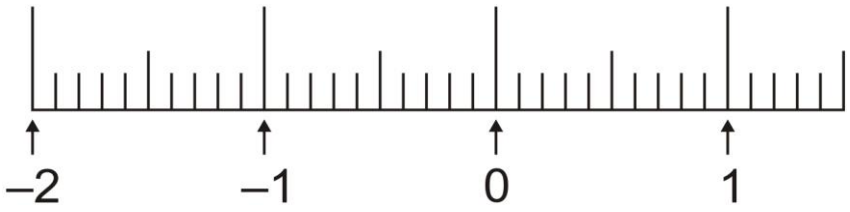
Draw arrows.



1 mark

Q23.

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



2 marks

Q24.

Look at these numbers written in Roman numerals.

MCMVII MMCD MDCCXLIII MMDX

Circle the **largest** number.

What is the value of the **smallest** number?

2 marks

Q25.

Look at these numbers written in Roman numerals.

One is not written correctly.

Put a cross (✗) on it.

MMCM MCMM MMMC MMCC MCCC

1 mark

Q26.

Write the missing numbers in the sequence.

467,050 468,050 469,050

2 marks

Q27.

Write the three missing numbers in the empty boxes.

	+10 →			
+10,000 ↓	45,170	45,180	45,190	
	55,170			

	65,170			

2 marks

Q28.

Circle the largest number.

5,055,555 5,555,055 555,555 5,055,055

1 mark

Q29.

Look at this number.

697,432

What is the value of the digit 6 in the number?

Circle the correct answer.

six thousand six hundred thousand

sixty thousand six million

1 mark

Q30.

Circle the largest number.

4,944,444 4,444,944 4,994,449 444,444 4,949,444

1 mark

Q31.

Mr Tyler is 1.97 m tall.
His young daughter is 83 cm tall.

What is the **difference** in their heights, **to the nearest 10 cm**?

1 mark

Q32.

Write the answers to these calculations in Roman numerals.

One has been done for you.

V + VI = XI

IX + XLV = ☐

XC − XXIV = ☐

2 marks