Bishops Online Tutoring

Education Consultancy

Edexcel GCSE Mathematics

READING SCALES

Materials Required:

- Pen
- HB Pencil
- Ruler (in centimetres and millimetres)
- Protractor
- Compass

Instructions:

- Use a black ink pen to answer all questions
- Fill your name in the section below
- Answer the questions in the spaces provided
- Show your working out for all answers

Information:

- The marks allocated for each question are displayed within brackets – utilise this information to gauge the appropriate amount of time to dedicate to each question
- Questions marked with an asterisk (*) will assess your written communication; be careful of spelling, punctuation and grammar with these questions

Advice:

- Carefully read the question before attempting to answer it
- Be vary of time and try to answer every question
- If you have enough time in the end, go back and check your answers. A good way to check your answers is to retry the question with the hope of getting the same answer as before without looking at your working out from before
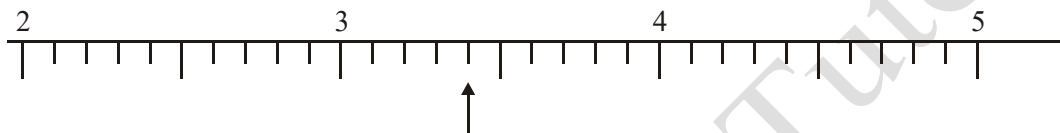
NO CALCULATOR ALLOWED

NAME:

1.

20　　　　　　　30　　　　　　　40　　　　　　　50
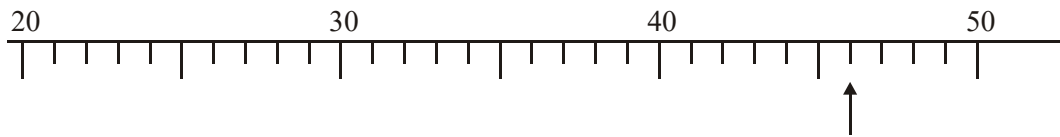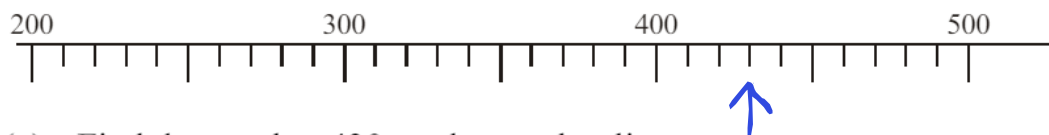
(a) Write down the number marked with an arrow.

..............46.............. **(1)**

2　　　　　　　3　　　　　　　4　　　　　　　5

(b) Write down the number marked with an arrow.

..............3.4.............. **(1)**
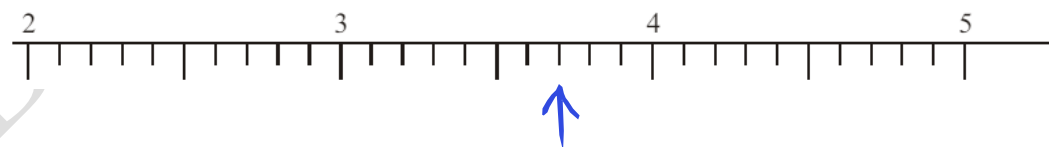
200　　　　　　　300　　　　　　　400　　　　　　　500

(c)　Find the number 430 on the number line.
　　Mark it with an arrow (↑). **(1)**
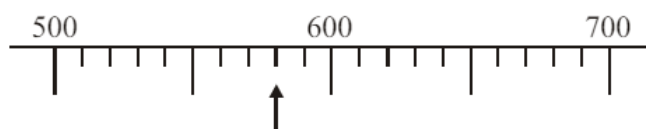
2　　　　　　　3　　　　　　　4　　　　　　　5

(d) Find the number 3.7 on the number line.
　　Mark it with an arrow (↑). **(1)**
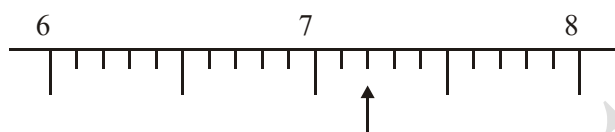
(Total 4 marks)

2.

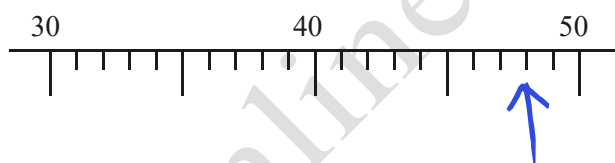(a) Write down the number marked with an arrow.

580

(1)

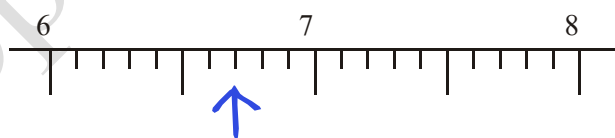(b) Write down the number marked with an arrow.

7.2

(1)

(c) Find the number 48 on the number line
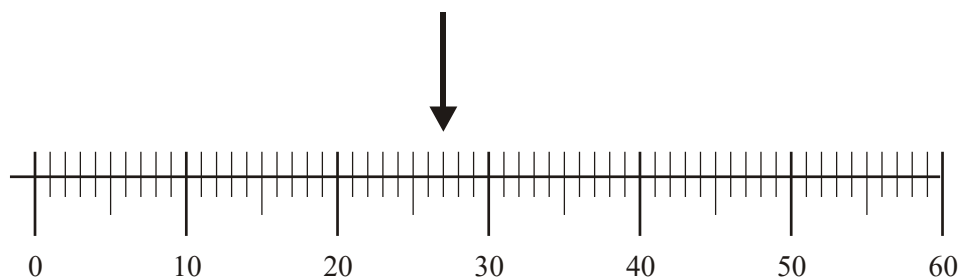
(Mark it with an arrow (↑).

(1)

(d) Find the number 6.7 on the number line.
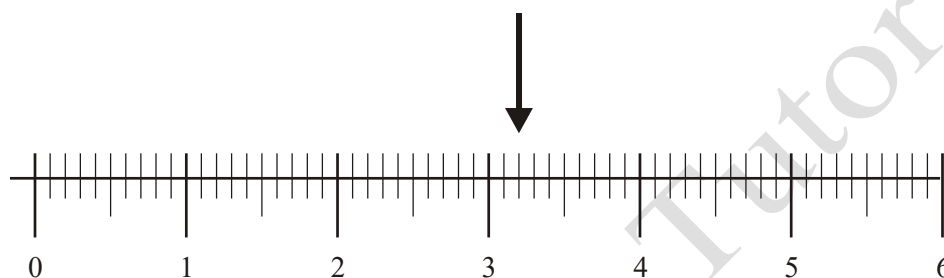Mark it with arrow (↑).

(1)
(Total 4 marks)

3.

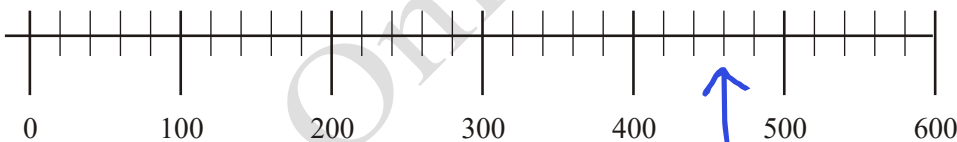(a) Write down the number marked by the arrow.

........................27........................

(1)

(b) Write down the number marked by the arrow.

........................3.2........................
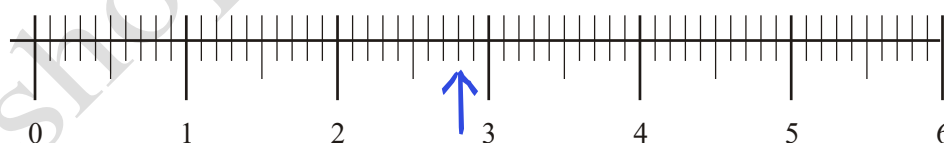
(1)

(c) Find the number 460 on the number line.
Mark it with an arrow (↑).
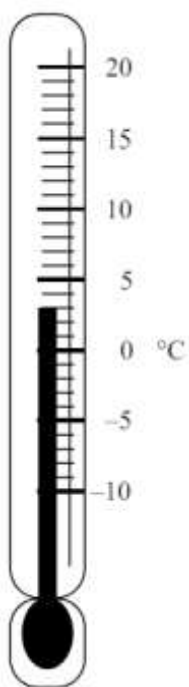
(1)

(d) Find the number 2.8 on the number line.
Mark it with an arrow (↑).

(1)
(Total 4 marks)

4.

(a) Write down the temperature shown on the thermometer.

.... 3 .... °C

(1)

The temperature falls by 8°C.

(b) Work out the new temperature.

.... -5 .... °C

(1)
(Total 2 marks)

5.

| 50 | 60 | 70 | ↑ 80 | 90 |

(a) Write down the number marked by the arrow.

........**75**........

(1)

(b) Find the number 530 on the number line.

| 300 | 400 | 500 ↑ | 600 | 700 | 800 |
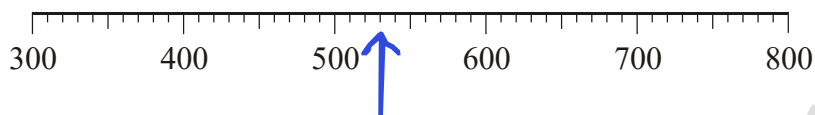
Mark it with an arrow (↑).

(1)

(c) Put these numbers in order of size.
Start with the smallest.

52   31   1007   180

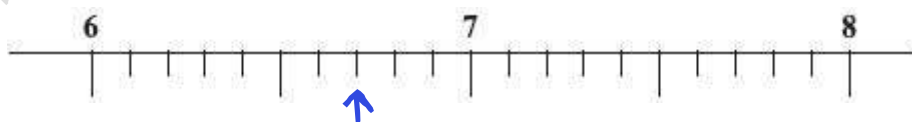....**31, 52, 180, 1007**....

(1)

(Total 3 marks)

6.

| 500 | 600 | 700 |

↑

(a)   Write down the number marked with an arrow.

........**580**........
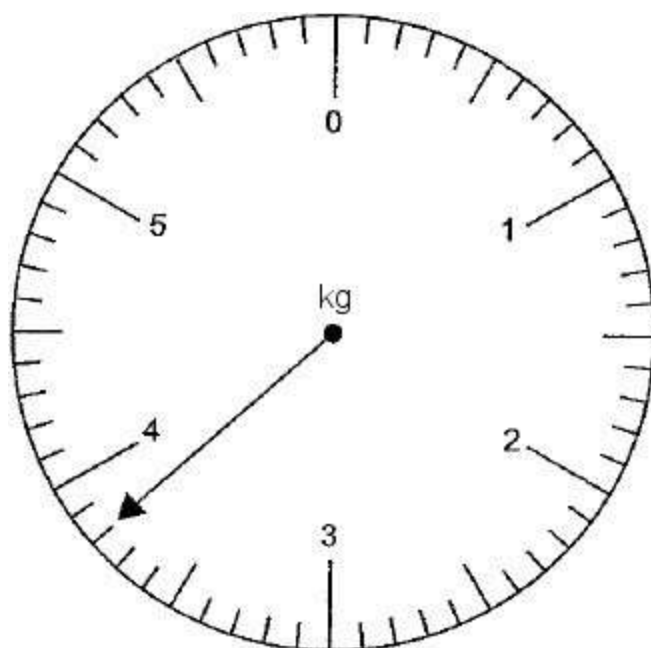
(1)

| 6 | 7 | 8 |

↑
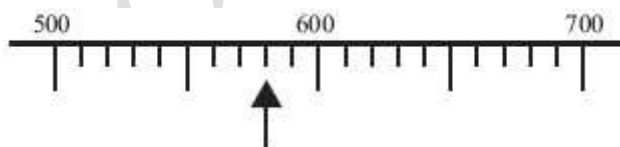
(b)   Find the number 6.7 on the number line.

Mark it with an arrow (↑).

........**X**........

(1)

7.

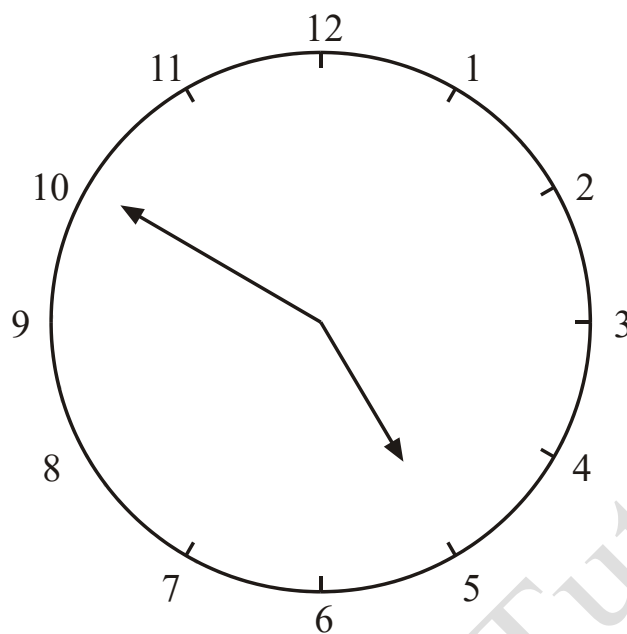(i)   Write down the reading shown on the scale.

...........3.8.......... kg

(ii)   Change 5.7 kg to grams.

.........5700........ g
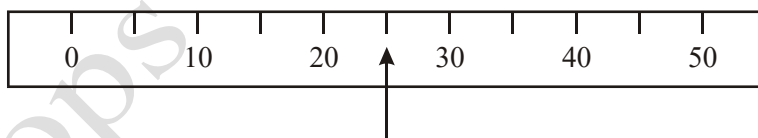
(Total 2 marks)

8.

(a) Write down the time shown on the clock.

04:50

(1)

(b) Write down the reading shown by the arrow (↑).

25

(1)
(Total 2 marks)