Test - Negative numbers

Year: Year 4 · Duration: 40 minutes · /20

Name:	Date:	**Mark:** /20

Question	1	2	3	4	5	Total
marks	4	4	4	4	4	**20**
Mark						

Show your working.

Question 1 (4 marks)

Question 1 – Reading and ordering

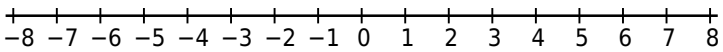
Look at these numbers: 3, −4, 0, −9, 6, −1.

a. Write the numbers in order, smallest first. (2 marks)
b. Which is the largest negative number? (1 mark)
c. Write < or > in the box: −5 [ ] −8. (1 mark)

Question 2 (4 marks)

Question 2 – Counting through zero

Use the number line to help you.

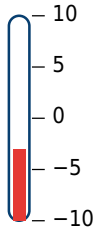


a. Start at 5 and count back 8. Where do you land? (1 mark)
b. Start at −6 and count up 9. Where do you land? (1 mark)
c. Write the next two numbers in the sequence 6, 3, 0, −3, … (2 marks)

Question 3 (4 marks)

Question 3 – Thermometer

The thermometer shows the temperature one night. Later, the temperature falls by 5 degrees.



a. What temperature does the thermometer show? (1 mark)
b. What is the temperature after it falls by 5 degrees? (1 mark)
c. How many degrees is it below freezing now? (1 mark)
d. What is the difference between the original temperature and 4 °C? (1 mark)

Question 4 (4 marks)

Question 4 – City temperatures

The table shows the temperature in four cities at midday.

City	Temperature
Oslo	−8 °C
London	3 °C
Moscow	−12 °C
Madrid	9 °C

a. Which city was the coldest? (1 mark)
b. What is the difference between London and Oslo? (2 marks)
c. By midnight the temperature in London has fallen by 6 degrees. What is it? (1 mark)

Question 5 (4 marks)

Question 5 – The long day

At 6 am the temperature in a village is −4 °C. By 10 am it has risen by 5 degrees. By 2 pm it has risen by 3 more degrees. Then it falls by 7 degrees by 10 pm.

a. What is the temperature at 10 am? (1 mark)
b. What is the temperature at 2 pm? (1 mark)
c. What is the temperature at 10 pm? (1 mark)
d. What is the difference between the warmest and the coldest temperature of the day? (1 mark)