



**Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **Score:** \_\_\_\_\_ / 26

- 1** Write these numbers in order of size. Start with the smallest number.

-4 3 -7 0 5

(1 mark)

Answer \_\_\_\_\_

- 2** Write each list in order of size. Start with the smallest number.

a. 0.47 0.407 0.5 0.074

b. -0.6 -0.06 -1.2 -0.65 -1

(2 marks)

Answer \_\_\_\_\_

- 3** Write these numbers in order of size. Start with the smallest number.

-1.5 0.3 -0.35 -3 1

(1 mark)

Answer \_\_\_\_\_

- 4** The temperature in Cardiff is 3 °C.

The temperature in Oslo is -8 °C.

Work out how many degrees colder Oslo is than Cardiff.

(2 marks)

Answer \_\_\_\_\_

**5** Write  $<$ ,  $>$ ,  $=$  or  $\neq$  in each box to make each statement true.

a.  $-7 \square -3$

b.  $-2.45 \square -2.5$

c.  $(-5) \times (-2) \square -10$

d. Write down all the integers  $n$  such that  $-3 \leq n < 2$

(3 marks)

Answer \_\_\_\_\_

**6** Work out

a.  $-6 \times 4$

b.  $-45 \div -9$

c.  $-3 \times -2 \times -5$

(3 marks)

Answer \_\_\_\_\_

**7** At midnight the temperature in York was  $-4^\circ\text{C}$ .

By 4 am the temperature had fallen by  $5^\circ\text{C}$ .

By 10 am the temperature had risen by  $8^\circ\text{C}$  from its 4 am value.

Work out the temperature at 10 am.

(2 marks)

Answer \_\_\_\_\_

**8** Leah's bank account is overdrawn by £35, so her balance is  $-\text{£}35$ .

She pays in £60. Then she spends £42 using her bank card.

Work out Leah's new balance.

(2 marks)

Answer \_\_\_\_\_

9

- a. Work out  $(-4)^2$   
b. Work out  $2 - (-7)$   
c. Put a pair of brackets in this statement to make it true.  
 $3 - 5 \times 2 = -4$

(3 marks)

Answer \_\_\_\_\_

10

Work out the missing number in each calculation.

- a.  $-8 \times \square = 56$   
b.  $\square \div (-3) = 6$

(2 marks)

Answer \_\_\_\_\_

11

Here are the temperatures, in  $^{\circ}\text{C}$ , at 6 am on five days in January. $-4 \quad -1 \quad 2 \quad -3 \quad -4$ 

Work out the mean temperature.

(2 marks)

Answer \_\_\_\_\_

12

In a quiz, a correct answer scores +3 points and a wrong answer scores -2 points.

Priya answers 16 questions. She gets 7 correct and the rest wrong.

Work out Priya's total score.

(3 marks)

Answer \_\_\_\_\_

End of questions | Total 26 marks