GCSE FOUNDATION · REVISION MAT 2

Ordering numbers

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

4, –9, –1, 8, –15, 2

2 Write these decimals in order of size.
Start with the smallest.

2.3, 2.03, 2.33, 2.303, 2.033

3 Write < or > between each pair of numbers.

–4 ☐ –10
0.08 ☐ 0.8
–2.4 ☐ –2.04

Explain how you decided for –2.4 and –2.04

4 Hana says,

"0.15 is bigger than 0.7,
because 15 is bigger than 7."

Is Hana right? Explain your answer.

5 The table shows the temperatures in five cities at midnight.

Leeds	Montreal	Madrid	Helsinki	Dublin
4°C	–11°C	12°C	–8°C	1°C

(a) Which city was the coldest?

(b) Work out the difference between the highest and the lowest temperature.

(c) By morning, the temperature in Helsinki rose by 9°C. Work out the new temperature.

6 Here are four digit cards. 8 3 0 6

Each card is used once to make a 4-digit number.

(a) Find the largest number you can make that is less than 6000.

(b) Find the smallest odd number you can make.

Mr&Mrs MATHS

1 **−15, −9, −1, 2, 4, 8**

2 **2.03, 2.033, 2.3, 2.303, 2.33**

3 −4 **>** −10

0.08 **<** 0.8

−2.4 **<** −2.04

−2.4 is further below zero on the number line.

ANSWERS · REVISION MAT 2

Ordering numbers

4 Compare place value: write both with the same number of decimal places.

0.7 is bigger, so Hana is **wrong**.

5 (a) **Montreal**

(b) 12 − (−11) = **23°C**

(c) −8 + 9 = **1°C**

6 (a) **3860**

(b) **6083**

Mr&Mrs MATHS