GCSE FOUNDATION · REVISION MAT 1

Ordering numbers

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

−7, 3, −12, 0, 5, −2

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

0.6, 0.06, 0.66, 0.606, 0.6006

3 Write < or > between each pair of numbers.

−8 ☐ −3
0.7 ☐ 0.65
−0.5 ☐ −0.25

Explain how you decided for −0.5 and −0.25

4 Ollie says,

"0.35 is bigger than 0.4,
because 35 is bigger than 4."

Is Ollie right? Explain your answer.

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

Oslo	Rome	Moscow	Paris	Berlin
−6°C	9°C	−14°C	3°C	−2°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 Oslo rose by 7°C. Work out the new temperature.

6 Here are four digit cards. 3 0 7 5

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

(a) Find the largest number you can make that is less than 5000.

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

Mr&Mrs MATHS

ANSWERS · REVISION MAT 1

Ordering numbers

1 **−12, −7, −2, 0, 3, 5**

2 **0.06, 0.6, 0.6006, 0.606, 0.66**

3 −8 **<** −3

0.7 **>** 0.65

−0.5 **<** −0.25

−0.5 is further below zero on the number line.

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

0.4 is bigger, so Ollie is **wrong**.

5 (a) **Moscow**

(b) 9 − (−14) = **23°C**

(c) −6 + 7 = **1°C**

6 (a) **3750**

(b) **3057**