GCSE HIGHER · REVISION MAT 2

Ordering numbers

1 Write in order, smallest first.

$0.3, 0.03, 0.33, 0.303$

2 True or false?

$-4 > -2$

3 Explain why $0.7 > 0.65$, even though $65 > 7$.

4 Temperatures: Moscow −12 °C, Oslo −8 °C, London 3 °C, Reykjavik −1 °C.

Which city is coldest?

Find the difference between the warmest and coldest.

5 Show that $\frac{5}{6} > 0.8$.

6 n is an integer with $-3 < n \leq 1$ and $n^2 > 3$.

Find n.

7 Write in order, smallest first.

$1.5 \times 10^{-3}, 2 \times 10^{-4}, 0.0011$

8 Write in order, smallest first.

$\frac{3}{7}, \frac{5}{12}, \frac{4}{9}$

Mr&Mrs MATHS

ANSWERS · REVISION MAT 2

Ordering numbers

1 0.03, 0.3, 0.303, 0.33

2 False

3 0.7 = 0.70, and 70 hundredths > 65 hundredths.

4 Moscow

3 – (–12) = 15 °C

5 $\frac{5}{6}$ = 0.833...

0.833 > 0.8

6 Possible n: –2, –1, 0, 1

$n = -2$

7 0.0015, 0.0002, 0.0011

2×10^{-4}, 0.0011, 1.5×10^{-3}

8 0.429, 0.417, 0.444

$\frac{5}{12}$, $\frac{3}{7}$, $\frac{4}{9}$

Mr&Mrs MATHS