GCSE HIGHER · REVISION MAT 4

Ordering numbers

1 Write in order, smallest first.

4.06, 4.6, 4.066, 4.0

2 Which is bigger, -3^2 or $(-3)^2$?

3 Show that $0.375 = \frac{3}{8}$.

Which is bigger, 0.38 or $\frac{3}{8}$?

4 Five runners' times, in seconds:

12.08, 12.8, 12.18, 12.081, 12.1

Write the times in order, fastest first.

5 Explain why $\frac{1}{7} < \frac{1}{6}$.

6 List the integers that satisfy

$-2.5 < x \leq 1.2$

7 Write in order, smallest first.

$\sqrt{50}$, 7.1, $\frac{50}{7}$

8 x is negative.

Which is greater, x^2 or x^3? Explain.

Mr&Mrs MATHS

ANSWERS · REVISION MAT 4

Ordering numbers

1 **4.0, 4.06, 4.066, 4.6**

2 $-3^2 = -9$, $(-3)^2 = 9$

$(-3)^2$

3 $3 \div 8 = 0.375$

0.38

4 **12.08, 12.081, 12.1, 12.18, 12.8**

5 **Sharing 1 into 7 parts gives smaller parts than sharing into 6.**

6 **−2, −1, 0, 1**

7 7.071, 7.1, 7.143

$\sqrt{50}$, 7.1, $\frac{50}{7}$

8 x^2 is positive, x^3 is negative.

x^2

Mr&Mrs MATHS