YEAR 7 · MATHEMATICS · DECIMALS

Ordering Decimals

Compare carefully, then arrange each set in the correct order.

Name _____ **Date** _____

Remember Compare digits from left to right. You can add zeroes to help you compare decimal numbers with different numbers of decimal places.

1 Ascending order — smallest to largest

Question 1

ORDER THE SET

0.6 **0.056** **0.605** **0.56**

Write the numbers in ascending order:

_____

Question 2

ORDER THE SET

3.08 **3.8** **3.008** **3.18**

Write the numbers in ascending order:

_____

Question 3

ORDER THE SET

1.205 **1.25** **1.025** **1.2**

Write the numbers in ascending order:

_____

Question 4

ORDER THE SET

0.999 **1.001** **0.91** **1.09**

Write the numbers in ascending order:

_____

2 Descending order — largest to smallest

Question 5

ORDER THE SET

4.04 **4.4** **4.004** **4.14**

Write the numbers in descending order:

_____

Question 6

ORDER THE SET

2.75 **2.705** **2.075** **2.7**

Write the numbers in descending order:

_____

Question 7

ORDER THE SET

0.308 **0.83** **0.038** **0.803**

Write the numbers in descending order:

_____

Question 8

ORDER THE SET

5.5 **5.05** **5.505** **5.055**

Write the numbers in descending order:

_____

Reasoning check Which is greater, **0.56** or **0.605**? Explain how the digits help you decide.

_____

_____

Check the place value of every digit before you finish.