YEAR 6 · MATHEMATICS

Ordering and Comparing Decimals

Look carefully at the value of each digit, including the zeroes.

Name: _____ **Date:** _____

1 Compare the decimals

Write <, > or = in each box.

1.	0.8	☐	0.80	2.	4.206 ☐ 4.26
3.	7.09	☐	7.009	4.	0.375 ☐ 0.357
5.	12.04	☐	12.4	6.	3.501 ☐ 3.501

2 Put the decimals in order

Write each set in the order requested, from left to right.

A Ascending order (smallest to largest)

2.4 2.04 2.404 2.44

Write the decimals in order:

_____ _____ _____ _____

B Ascending order (smallest to largest)

0.708 0.78 0.078 0.807

Write the decimals in order:

_____ _____ _____ _____

C Descending order (largest to smallest)

5.6 5.06 5.006 5.066

Write the decimals in order:

_____ _____ _____ _____

D Descending order (largest to smallest)

1.305 1.350 1.053 1.503

Write the decimals in order:

_____ _____ _____ _____

Challenge your thinking

Which is greater: **0.406** or **0.46**? Rewrite the decimals with the same number of decimal places, then explain how you know.

_____

_____

☐ Before you finish, check each digit’s place value and the direction of your order.