

Term 5 Week 3 **Answers**

Session 2: ordering and comparing decimal numbers

*Can you explain it?*



Colin thinks that  $2.571 > 2.6$

because  $571 > 6$

**Explain why he is incorrect:**

.....  
.....

I have noticed that Colin has not taken into account the value of the digits. He is incorrect because the 5 in the first number is 5 tenths which is less than the 6 tenths in the second number. This means that this number is in fact smaller. The correct answer is  $2.571 < 2.6$ .

.....  
.....

*Can you apply it?*



Fill in the missing digits so that the numbers are in order from largest to smallest.

$\square.\square9, 3.\square, 2.\square0\square, \square.0\square\square, 2.\square\square$

Use each digit from 0-9 once.

How many different solutions can you find?

There are multiple solutions to this problem but this is one of the ways you could have solved it:

**4.99, 3.7, 2.506, 2.038, 2.01**