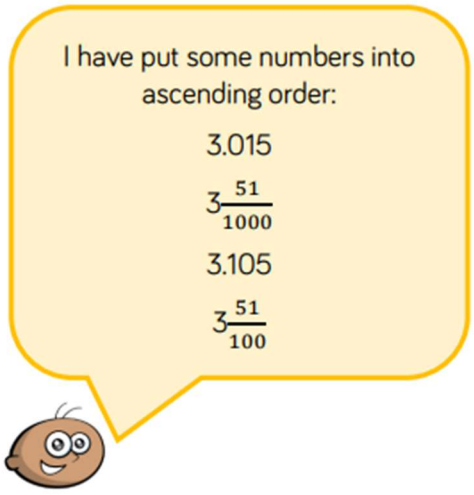
Maths Extension White Rose Maths

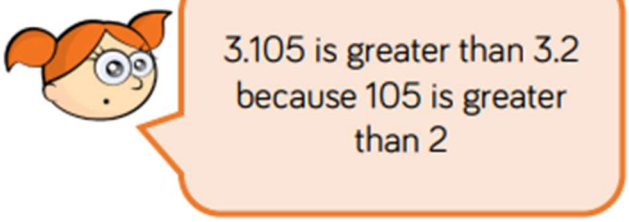
Q1 Q2

Tommy says,



Tommy has missed one number out.
It should go in the middle of this list.
What could his number be?
What can't his number be?

Alex says,



Do you agree?
Explain your answer.

Extension Testbase

Q1.

Write these numbers in order, starting with the **smallest**.

0.78 0.607 5.6 0.098 4.003

smallest

1 mark

Q2.

Write these numbers in order, starting with the smallest.

8.12 1.8 8.118 8.2 1.28

smallest

1 mark

Q3.

Write a **fraction** which is **greater than 0.7** and **less than 0.71**

1 mark

Write a **decimal** which is **greater than** $\frac{4}{7}$ and **less than** $\frac{5}{7}$.

1 mark

Q1.

Numbers in order, as shown:

0.098	0.607	0.78	4.003	5.6

[1]

Q2.

Numbers in order, as shown:

1.28 1.8 8.118 8.12 8.2

[1]

Q3.

(a) Any fraction greater than 7/10 AND less than 71/100, eg:

- 141/200

Accept decimal fractions which fit the criteria, eg:

- ***0.705***

1

(b) Any decimal greater than 0.571428 recurring AND less than 0.714285 recurring, eg:

- 0.6

***Do NOT** accept non-decimal fractions, eg:*

- $^{9}/_{14}$ *OR* $^{4.5}/_{7}$

1

[2]