

L.O. Explain what each digit represents in a decimal number up to 3 decimal places

Answer questions in your numeracy book

SECTION 1: Can you find at least three numbers between each of these pairs?

Draw a brief number-line to help you

1. 74.1 and 74.8
2. 63.21 and 63.29
3. 743.4 and 744.4
4. 0 and 1.12
5. 1.23 and 2.13

SECTION 2: Look at the number cards below:

1	9	2	8
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You must use all 4 cards every time you make a number

What is the smallest whole number you can make?

What is the largest whole number you can make?

Draw a new number-line and place the smallest and largest numbers at either end

Next, use the 4 cards to make as many whole numbers as you can

Place them in the correct order on your number-line

SECTION 3: Look at the number cards below:

7	3	.	6
		(decimal point)	

You can put the decimal point at any point within the number, including at the beginning or end, or in the middle, e.g. 0.736 (zero point seven three six) or 376. (seven hundred and thirty six) or 37.6 (thirty seven point six)

You must use all 4 cards every time you make a number

Write a list of all the numbers you can make using the 4 cards

What is the smallest number you can make?

What is the largest number you can make?

Now, write down the numbers from your list that have:

1. Seven hundreds
2. Three tens
3. Six units
4. Seven tenths
5. Three hundredths
6. Six tens and three units

Which numbers in your list are:

7. Greater than 600 but less than 700
8. Less than 70 but more than 30
9. Greater than 6 but less than 7
10. Less than 7.63 but more than 3.67

EXTENSION:

Choose 3 number cards and a decimal point and create place value questions for a friend (use sections 2 and 3 to help you)