Steps to Success

Lockdown				
Date	<u>Lesson 3</u>			
Subject/s	<u>Maths</u>			
Learning Objective	To compare and order decimals			

					SA (M)	TA
Success Criteria	I can place the numbers in a place value grid					
✓! 🗐	I can start with the highest value column					
	I can compare digits from the same column					
Support	Independent	Adult Support ()	Group Work		
Pre-task Put into ascending order 3.28, 2.17, 3.9, 1.39, 3.6,						

Check your answers on the next page before moving onto Teacher Led if you need it.

Pre-task answers

1.39 < 1.57 < 1.7 < 2.17 < 2.6 < 3.28 < 3.32 < 3.6 < 3.9

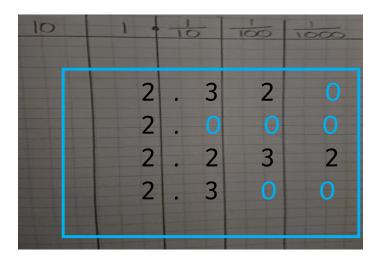
Teacher Led

• First, you need to draw a place value grid

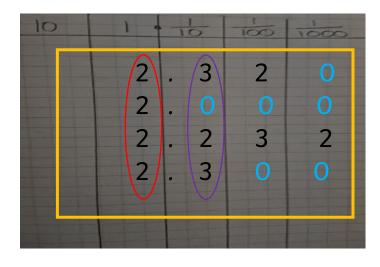
10	1	10	100	1000
	2	. 3	2	
	2			
	2.	2	3	2
	2 .	3		

We will begin by putting this sequence of numbers onto the place value grid:

2.32, 2, 2.232, 2.3



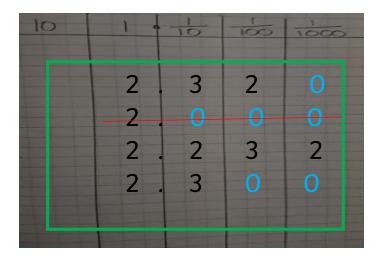
Next, put in zeros as place holders. Usually these are not needed, but they will help us to compare the numbers.



Now we need to look for the smallest number.

Begin by looking at the digits on the left. I can see these are all 2, so I need to look at the next digit.

I can see that in this column there are two 3s, one 2 and a 0, so I can see my smallest number is 2.000 or 2.



The first number to put in my ascending sequence is 2, so I can cross that one off.

Now I will look for the next smallest number, using the same method as before. Then I will repeat this until I have done all the numbers.

I will write them as an ascending sequence for my answer using < to show which is greater and smaller

Answer:

2 < 2.232 < 2.3 < 2.32

<u>Fluency</u>

Put these decimal numbers into ascending order (smallest to largest)

A)

- 1) 1.53, 3.15, 1.33, 1.35,
- 2) 5.61, 6.51, 15.6, 5.16
- 3) 2.78, 0.78, 2.07, 0.87
- 4) 7.23, 7.33, 7.22, 7.32

B)

- 1) 3.37, 3.77, 3.337, 3.377, 3.737
- 2) 6.446, 6.66, 6.44, 6.664, 6.4
- 3) 2.55, 2.225, 2.522, 2.25, 2.525
- 4) 9.989, 9.898, 9.888, 9.99, 9.89

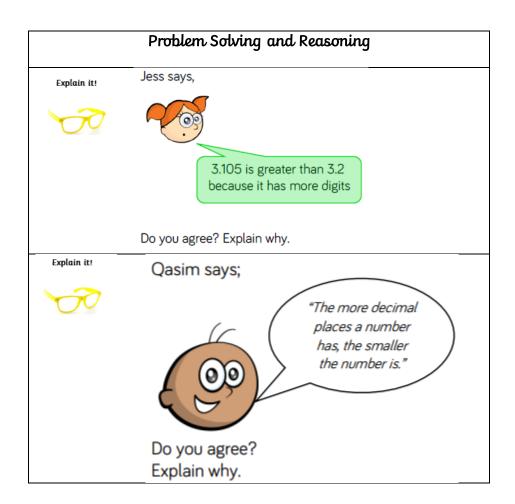
<u>Answers</u>

A)

- 1) 1.33 < 1.35 < 1.53 < 3.15
- 2) 5.16 < 5.61 < 6.51 < 15.6
- 3) 0.78 < 0.87 < 2.07 < 2.78
- 4) 7.22 < 7.23 < 7.32 < 7.33

B)

- 1) 3.337 < 3.37, 3.77 < 3.737 < 3.377
- 2) 6.4 < 6.44 < 6.446 < 6.66 < 6.664,
- 3) 2.225 < 2.25 < 2.522 < 2.525 < 2.55
- 4) 9.888 < 9.89 < 9.898 < 9.989 < 9.99



Answers

Incorect

3.2 is greater because it has

2 tenths whereas 3.105 only has 1 tenth

I do not agree with this as the number 4.39 is smaller than the number 4.465, which has more decimal numbers.