

Wednesday 17th June

L.K: To compare decimals with one decimal place

The best way to accurately compare decimal numbers is by using a place value chart. This will be provided below. Use the chart to sort the decimal numbers from highest to lowest and then answers the questions. Make sure to place the decimals correctly and match the decimal points!

- 1) 40.5
- 2) 0.36
- 3) 7.1
- 4) 123.4
- 5) 76.91

Hundreds	Tens	Ones	Tenths	Hundredths
			•	
			•	
			•	
			•	
			•	

- 1) Which decimal number is the largest? How do you know?
- 2) Which decimal number is the smallest? How do you know?

? *What's the same, what's different? Make sure to look at both number as amounts of a whole.*

0.7

1.3

Reasoning and Problem Solving

- 1) a) Sam buys a box of 10 nails. He uses 0.9 of the box to fit a door. What fraction of the box is still left?
b) If Sam was to buy eight boxes of 10 nails and use $\frac{11}{20}$ of the eight boxes, then how many nails would Sam have left? What would this be as a decimal amount?
- 2) “John has a container of milk containing 1.5 litres. His friend has a container that holds 1.3 litres. Which container is bigger? How do you know?”
- 3) If John uses $\frac{1}{10}$ of his container per day, then how long will it take him to use the whole container? Why do you think this?
- 4) Why do you think that decimals are an important unit of measurement for us to use? Justify your reasoning using an example?