



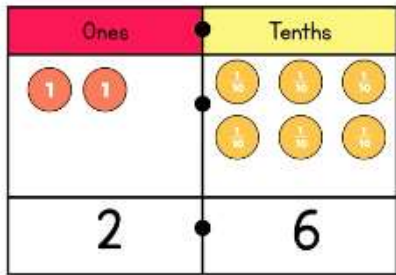
Summer week 2 Lesson 2 – 28.04.20

LO: ordering and comparing decimals

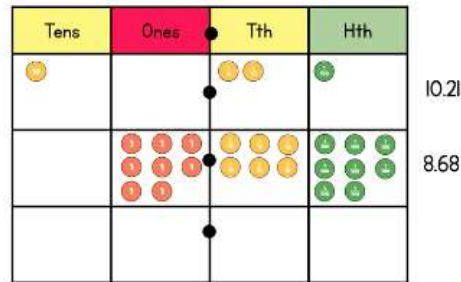
Success Criteria:

1. First look at the column to the far left, compare the digits.
2. If they are the same move down a column and compare.
3. If these are also the same move down another column.
4. Continue until your digits are different, decide which is bigger and which is smaller.

Model



This place value grid shows a decimal Number separated by a decimal point. The decimal point separates the whole Number from the fraction or



10.21 is larger than 8.68 at it has a digit in the 10's column. 8.68 may look as if it has more counters but they are of a smaller value, therefore 8.68 is smaller.

Tens	Ones	Tths	Hths
7	6	3	
3	5	0	3
7	6	4	1

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7	6	3	
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Tens	Ones	Tths	Hths
7	6	3	
3	5	0	3
7	6	4	1

When comparing and ordering decimals we work in the same way as we do with whole numbers. First compare using the digits in the far left columns e.g. the 10's. then move to the one's, then the tenths followed by the hundredths.

Now have a go at this:

Which is smallest?
 which is biggest?
 How do we know?

- 1) 4.13, 4.08, 5.1 2) 6.34, 6.23, 7.09 3) 7.45, 7.43, 7.41 4) 56.8, 57.9, 56.78
 4.08 4.13 5.1 6.23 6.34 7.09 7.41 7.43 7.45 56.78 56.8 57.9

Canonbury Home Learning
Year 5 Maths

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LO: ordering and comparing decimals

Success Criteria:

You are going to practise comparing Decimals!

Success Criteria:

- | |
|---|
| 5. First look at the column to the far left, compare the digits. |
| 6. If they are the same move down a column and compare. |
| 7. If these are also the same move down another column. |
| 8. Continue until your digits are different, decide which is bigger and which is smaller. |

Model:

Tens	Ones	Tth	Hth
7	6	3	
3	5	0	3
7	6	4	1

Tens	Ones	Tth	Hth
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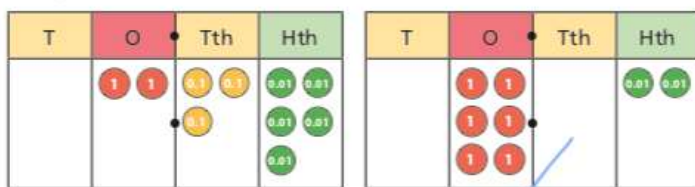
When comparing and ordering decimals we work in the same way as we do with whole numbers. First compare using the digits in the far left columns e.g. the 10's. then move to the one's, then the tenths followed by the hundredths.

Task 1

Practice

Which number is greater?

Tick your answer.

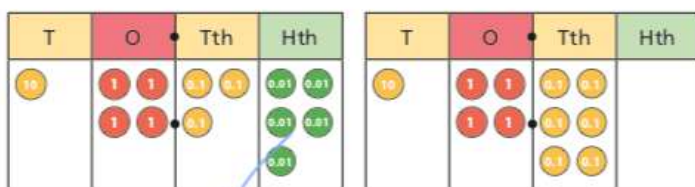


Explain your answer.

It has more ones.

Which is the smaller number?

Tick your answer.



Explain your answer.

It has fewer tenths.

Task 2

Now try these:

Here are some numbers in a place value chart.

Ones	Tenths	Hundredths	Thousandths
3	2	3	4
3	1	6	
3	2	0	8
3	1	4	5

Write the numbers in order, starting with the greatest.

3.234 3.208 3.16 3.145

Mo, Amir, Ron, Teddy and Jack are measuring their heights with a metre rule.



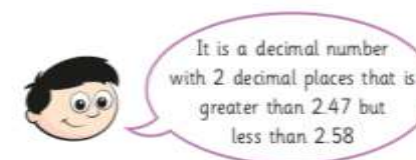
Write the names and heights of the children in order from shortest to tallest.

Name	Height
Teddy	1.3m
Ron	1.32m
Mo	1.35m
Jack	1.5m
Amir	1.52m

Task 3

Have a go at these problems:

Dexter is thinking of a number.



What possible numbers could Dexter be thinking of?

2.48, 2.49, 2.50, 2.51, 2.52, 2.53, 2.54, 2.55, 2.56, 2.57

Tick the numbers that are equal to 2.5

Circle the numbers that are greater than 2.5

You will need to convert the mixed numbers to decimal numbers first.

2.05	$2\frac{5}{10}$ ✓	$2\frac{1}{2}$ ✓
$2\frac{5}{100}$	2.53	$2\frac{3}{5}$
2.501	$2\frac{80}{100}$	$2\frac{3}{10}$

