

Home learning: Maths - Summer 2 Week 2 - Week Beg: 08.06.2020

Below are some activities you can use when learning at home.

Monday - Make a Whole using Decimals

Red

Match the numbers below to make a whole.

0.72

0.57

0.19

0.14

0.43

0.28

0.86

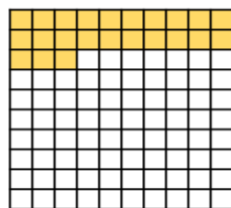
0.75

0.25

0.81

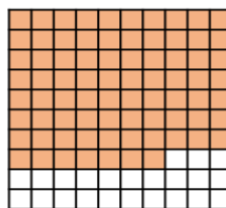
Circle the odd one out below.

A.
 $0.92 + 0.08$



B.

+



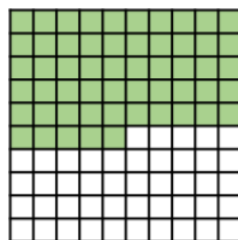
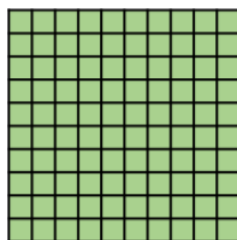
C.
 $0.16 + 0.74$

Explain your reasoning.

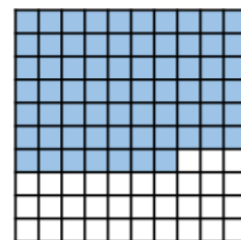
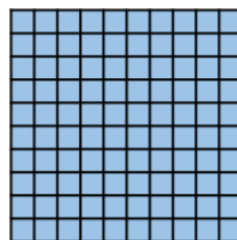
Orange

Circle the number which makes the whole number 2 when added to the value shown in each number square.

A



B



1.55 0.45 0.55 1.45 1.54

1.77 0.77 1.33 0.43 0.33

Green

1. How many ways can you fill the calculation tree?

$$\square + \square = 1$$

$$\square + \square + \square = 1$$

$$\square + \square + \square + \square = 1$$

$$\square + \square + \square + \square + \square = 1$$

$$\square + \square + \square + \square + \square + \square = 1$$

$$\square + \square + \square + \square + \square + \square + \square = 1$$

Reasoning & Problem Solving:

Order the heights of the aliens below in descending order.



5.04cm

9.82cm

1.76cm

6.07cm

2.60cm

0.85cm

Tuesday - Ordering Decimals

Red:

Order the heights of the flowers below from biggest to smallest.



0.45m



0.22m



0.56m



0.99m

Orange:

Kim has been ordering the heights of her friends.



Lilian



Adnan



Harry



Jerry



Amirah



Nick

1.01m < 121cm < 1.32m < 1.08m < 1.39m < 140cm

Is Kim correct? Explain your answer.

Green:

Tom has been ordering his containers based on the amount of liquid inside.



11.05L



5.50L



1,800ml



1.08L



4,200ml




0.45ml

11.05L > 5.50L > 1,800ml = 1.08L > 4,200ml > 0.45ml


Is Tom correct? Explain your answer.

Reasoning & Problem Solving:



Charlie

I think that
 $20.4 > 20.24 < 22.04$



Geeta

I think that
 $20.4 < 20.24 < 22.04$

Who do you agree with?
Explain your answer.

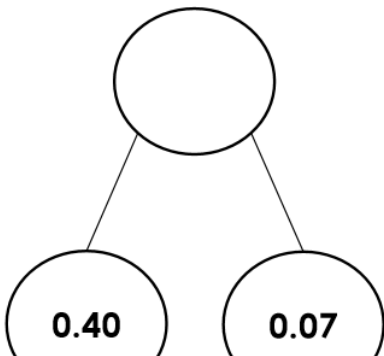
Wednesday- Writing Decimals

Red:

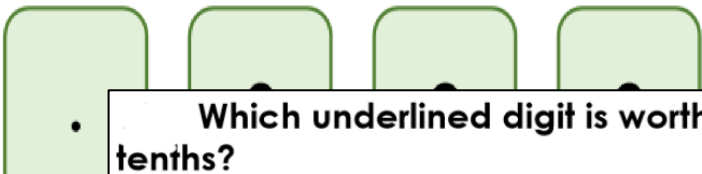
Which underlined digit is worth three tenths?	Which underlined digit is worth four ones?
$\underline{2}.3$	$\underline{4}.4$
$2.\underline{3}$	$\underline{0}.4$
$\underline{3}.3$	$4.\underline{4}$

Orange:

Complete the part whole model.



Arrange the digit cards to make a decimal that has two tenths.



Which underlined digit is worth sixty tenths?

- $66.\underline{0}6$
- $60.\underline{6}6$
- $\underline{6}6.06$

This decimal is written in words:

Twenty tenths and eighteen hundredths
Rewrite it in decimal form.

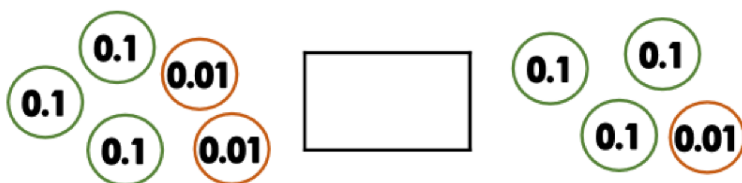
Reasoning & Problem Solving:

What is the greatest number you can make? What is the smallest number you can make? You need to use all the counters and have a counter in each column.

Ones	Tenths	Hundredths

Thursday - Comparing Decimals**Red:**

Write down and compare these decimal numbers using $>$, $<$ or $=$.

**Orange:**

Use $>$ or $<$ to compare these decimal numbers.

2.05 2.50

1.21 1.12

3.54 3.45

Use $>$ or $<$ to compare these decimal numbers.

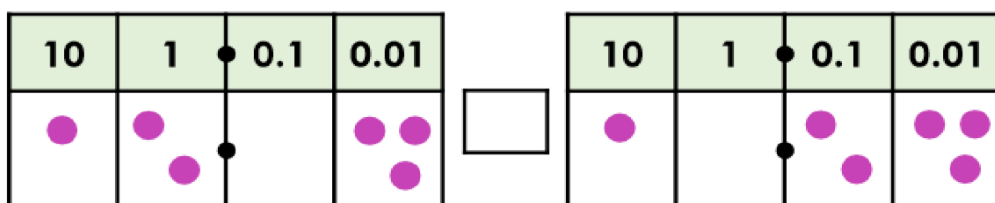
4.96 4.69

0.01 0.1

2.11 2.9

Green:

Use $>$, $<$ or $=$ to compare these decimal numbers.



Reasoning & Problem Solving:

Jessica says:



I have the longest skipping rope because it is 1.4m long.

Omar says:

I have the longest skipping rope because it is 1.04m long.



Who is correct? Explain why.

Friday - Rounding Decimals

Red:

<p>Which of these decimals is closest to 2? Which of these decimals is closest to 3?</p> <table border="1" style="margin: 10px auto; width: 80%;"> <tr> <td style="text-align: center; width: 50%;">2.9</td> <td style="text-align: center; width: 50%;">2.3</td> </tr> </table> <div style="display: flex; align-items: center;"> <div style="text-align: center; margin-right: 5px;">2</div> <div style="flex-grow: 1; border-bottom: 1px solid black; position: relative;"> <div style="position: absolute; left: 0; right: 0; height: 1px; background: linear-gradient(to right, transparent 49%, black 49%, black 51%, transparent 51%);"></div> </div> <div style="text-align: center; margin-left: 5px;">3</div> </div>	2.9	2.3	<p>Which of these decimals is closest to 4? Which of these decimals is closest to 5?</p> <table border="1" style="margin: 10px auto; width: 80%;"> <tr> <td style="text-align: center; width: 50%;">4.2</td> <td style="text-align: center; width: 50%;">4.7</td> </tr> </table> <div style="display: flex; align-items: center;"> <div style="text-align: center; margin-right: 5px;">4</div> <div style="flex-grow: 1; border-bottom: 1px solid black; position: relative;"> <div style="position: absolute; left: 0; right: 0; height: 1px; background: linear-gradient(to right, transparent 49%, black 49%, black 51%, transparent 51%);"></div> </div> <div style="text-align: center; margin-left: 5px;">5</div> </div>	4.2	4.7
2.9	2.3				
4.2	4.7				

Orange:

<p>Fill in the number line with the missing whole number and the decimals which round up to it.</p> <div style="display: flex; align-items: center;"> <div style="text-align: center; margin-right: 5px;">4</div> <div style="flex-grow: 1; border-bottom: 1px solid black; position: relative;"> <div style="position: absolute; left: 0; right: 0; height: 1px; background: linear-gradient(to right, transparent 49%, black 49%, black 51%, transparent 51%);"></div> </div> <div style="text-align: center; margin-left: 5px;">9</div> </div>	<p>Fill in the number line with the missing whole number and the decimals which round down to it.</p> <div style="display: flex; align-items: center;"> <div style="text-align: center; margin-right: 5px;">A</div> <div style="flex-grow: 1; border-bottom: 1px solid black; position: relative;"> <div style="position: absolute; left: 0; right: 0; height: 1px; background: linear-gradient(to right, transparent 49%, black 49%, black 51%, transparent 51%);"></div> </div> <div style="text-align: center; margin-left: 5px;">9</div> </div>
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Green:

<p>Fill in the gaps using these decimals.</p> <table border="1" style="margin: 10px auto; width: 80%;"> <tr> <td style="text-align: center;">6</td> <td style="text-align: center;">61 tenths</td> <td style="text-align: center;">9.9</td> <td style="text-align: center;">3 tenths</td> <td style="text-align: center;">0</td> <td style="text-align: center;">10</td> </tr> </table> <p>_____ rounds down to _____.</p> <p>_____ rounds down to _____.</p> <p>_____ rounds up to _____.</p>	6	61 tenths	9.9	3 tenths	0	10	<p>Fill in the gaps using these decimals.</p> <table border="1" style="margin: 10px auto; width: 80%;"> <tr> <td style="text-align: center;">43 tenths</td> <td style="text-align: center;">4</td> <td style="text-align: center;">57 tenths</td> <td style="text-align: center;">3</td> <td style="text-align: center;">6</td> <td style="text-align: center;">26 tenths</td> </tr> </table> <p>_____ rounds up to _____.</p> <p>_____ rounds up to _____.</p> <p>_____ rounds down to _____.</p>	43 tenths	4	57 tenths	3	6	26 tenths
6	61 tenths	9.9	3 tenths	0	10								
43 tenths	4	57 tenths	3	6	26 tenths								

Reasoning & Problem Solving:

Trey used number cards to make three decimals, but then his cards got mixed up!



**He remembers that his decimals rounded to 5, 6 and 1.
What could the three decimals Trey made be?**