## Year 6

## Thursday 21<sup>st</sup> May 2020 Maths

LO: decimals as fractions

<u>Please note: this link only works on either pdf or the link above this powerpoint.</u> <u>The video lesson is available here – Summer Term - Week 5 - lesson 4</u>



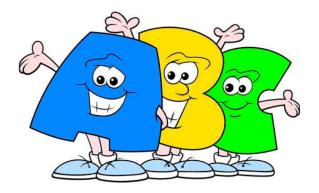


## **Brain Melter!**

Write out the numbers from 1 to 20 in words:

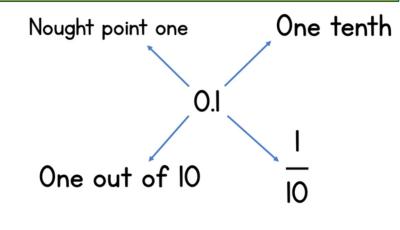
One, two, three, four, five, six, seven, eight, nine, ten, eleven, twelve, thirteen, fourteen, fifteen, sixteen, seventeen, eighteen, nineteen, twenty.

Now put them in ALPHABETICAL order. Which number stays where it is?

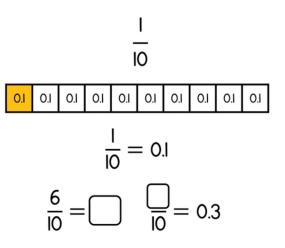


## Example:

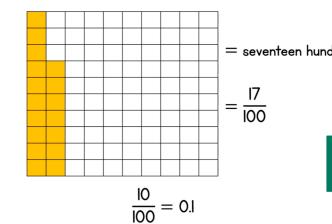
0.1 is a decimal number. The one is in the tenths column. This means it is one tenth. Which is 1 over 10 as a fraction, or 1 out of 10.



If one tenth is the same as one out of ten. Then 6 out of ten must be 6 tenths or 0.6 and three out of ten must be 3 tenths or 0.3.





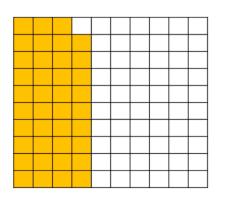


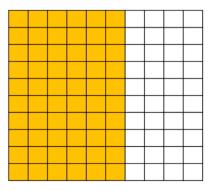
= seventeen hundredths

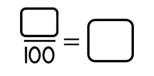
I can use this fact to understand that 17/100ths is 0.17

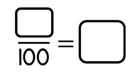
1:

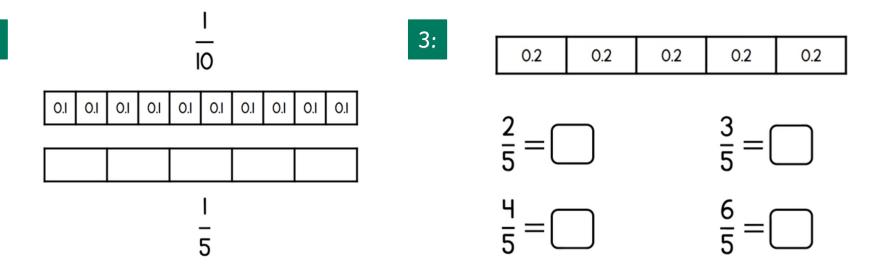
Look at these hundred squares. How many cubes – out of 100 - are yellow?









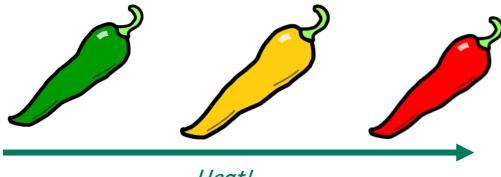




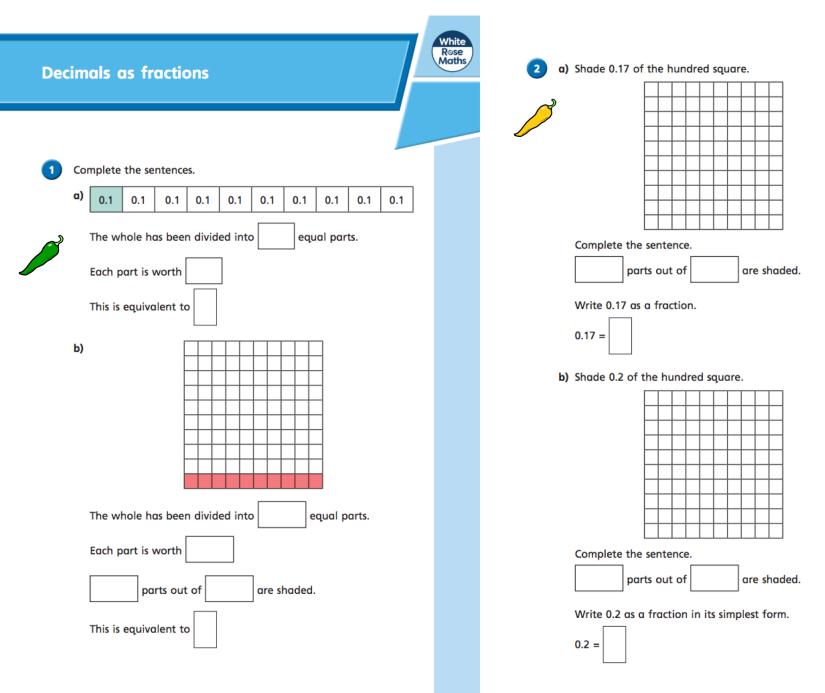


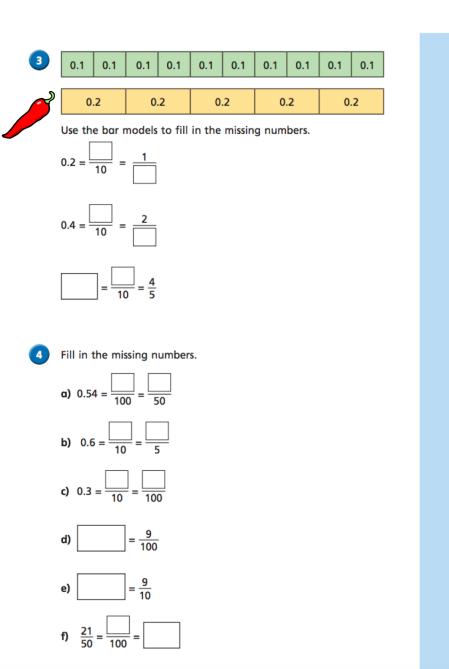
The independent work continues on the next two slides. There are 5 questions and 1 extension.

(En Espanol – hay cinco preguntas y una extensión.)



Heat!



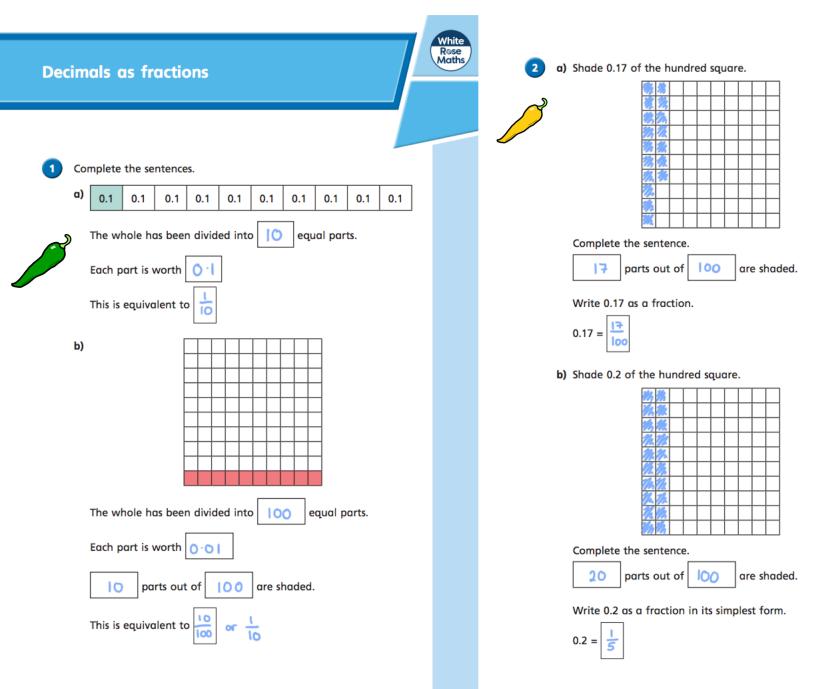


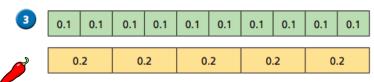
Use the bar models to fill in the missing numbers. 5 a)  $\frac{1}{2} = \frac{1}{10} = \frac{1}{10}$ b) Ext:  $0.3 = \frac{3}{10}$  so  $0.37 = \frac{37}{10}$ ۹۹ Draw a diagram to show that Ron is wrong.



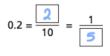


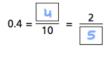




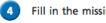


Use the bar models to fill in the missing numbers.

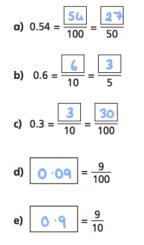




 $6 \cdot 8 = \frac{8}{10} = \frac{4}{5}$ 

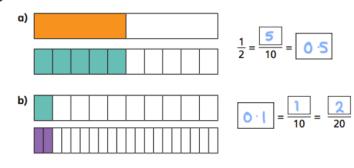


Fill in the missing numbers.

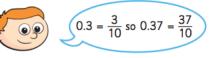




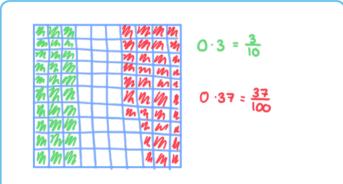
Use the bar models to fill in the missing numbers. 5)



Ext:



Draw a diagram to show that Ron is wrong.



White Rose Maths