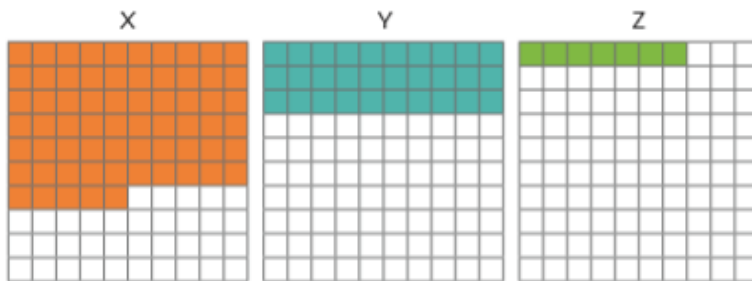# Maths

<u>Wednesday 23rd April 2020</u>

<u>**WALT convert decimals to fractions.**</u>

Try question 1 on sheet 1 first, and if it is not challenging enough you can try sheet 2, then 3.

1

1) a) Write the letter X next to any representation that matches the hundred square labelled X.
Write the letter Y next to any representation that matches the hundred square labelled Y.
Write the letter Z next to any representation that matches the hundred square labelled Z.

X   Y   Z

$\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ [ ] $\frac{7}{10}$ [ ]   0.3 [ ]

0.01 0.01 0.01 0.01 0.01 0.01 0.01 [ ] $\frac{3}{10}$ [ ]

0.03 [ ] $\frac{65}{100}$ [ ] $\frac{7}{100}$ [ ]

0.1 0.1 0.1 0.1 0.1 0.1 $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$ [ ]   0.65 [ ]

0.07 [ ]

b) Two of the fractions above don't match any of the hundred squares. Represent them in three different ways.

2) Complete this table.

Decimal	Fraction
0.9	
	$\frac{8}{100}$
	$\frac{4}{10}$
0.49	
0.04	
	$\frac{63}{100}$

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2

1) Khatija has been writing decimals as fractions. Tick the conversions which are correct and explain in your book any mistakes she has made.

3) Adam is thinking of a number. It is greater than $\frac{1}{2}$ but less than 0.75. Which of these numbers could it be? Explain how you know if it is or isn't.

Maths

3

1) Write a fraction and a decimal which would fit into each section of this number line. Write these in in your book.

3) Complete the part-whole models. In each model use at least one decimal and one fraction: