21/1/2021 (Thursday) – L.I. Can I understand the link between decimals and fractions?

Yesterday you developed your understanding of converting decimals to fractions, now apply your skills to these problems. Here is an example to remind you:

0.32 as a fraction –

Step 1 – 0.32/1

Step 2 – 0.32 × 100 = 32

1 × 100 = 100

32/100

Step 3 – 32/100 = 8/25

1.

Some of the statements below are correct.

Tick (✓) the correct ones.

$\frac{1}{2} = 0.5$
$\frac{9}{30} = \frac{3}{10}$
$0.75 = \frac{3}{4}$
$\frac{1}{10}$ is equivalent to 10%
$\frac{1}{5}$ is equivalent to 5%

2.

In each box, circle the number that is **greater**.

$1\frac{3}{4}$	1.5
$1\frac{1}{3}$	1.7
$1\frac{8}{100}$	1.8
$1\frac{1}{2}$	1.3

3.

Write the missing **decimal** so that each pair **adds to 1**

The first one is done for you.

fraction		decimal		
$\frac{1}{4}$	+	0.75	=	1
$\frac{3}{10}$	+		=	1
$\frac{3}{5}$	+		=	1

If you finish these activities why not use the fractions and decimal cards to have some fun. You could play fraction and decimal pairs with someone in your house. Or you could ask someone to hide the cards around your house and go on a treasure hunt looking for matching cards.

0.3	$\frac{7}{10}$	$\frac{9}{10}$
$\frac{1}{100}$	$\frac{33}{100}$	$\frac{84}{100}$
0.7	0.9	0.01
0.33	0.84	

$\frac{1}{2}$	$\frac{1}{4}$	$\frac{3}{4}$
$\frac{1}{10}$	$\frac{3}{10}$	0.5
0.25	0.75	0.1