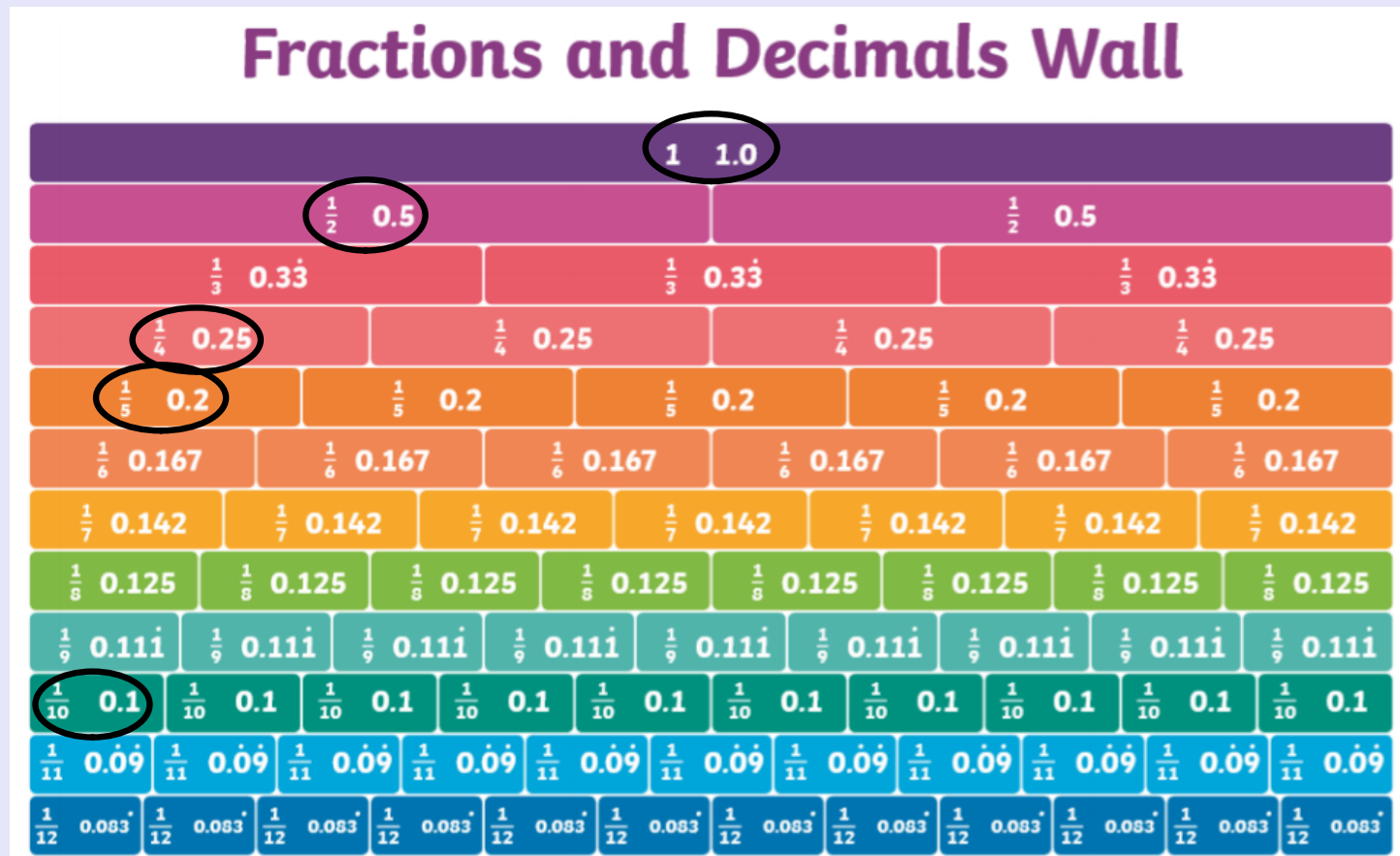


16.03.21

Pre teach



16.03.21

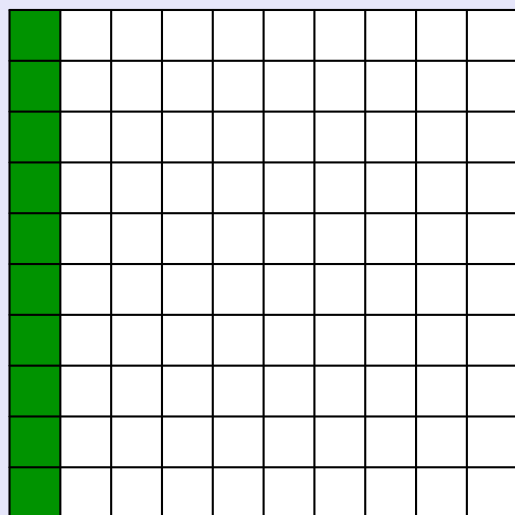
L.O: To identify equivalent decimals

On your Whiteboards

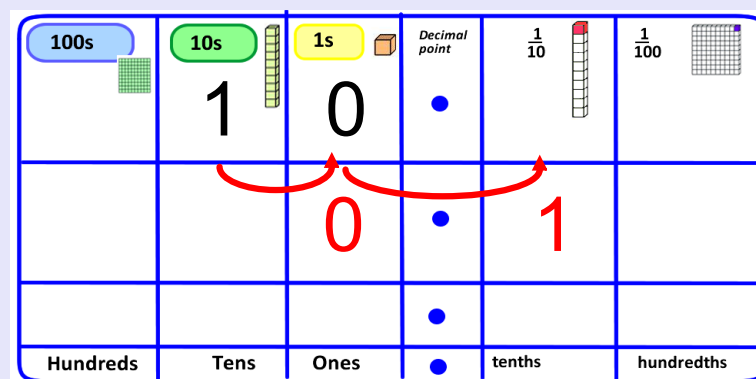
1	$\begin{array}{r} 7894 \\ - 3918 \\ \hline \\ \hline \end{array}$	2	$\begin{array}{r} 7425 \\ - 6773 \\ \hline \\ \hline \end{array}$	3	$\begin{array}{r} 9882 \\ - 6443 \\ \hline \\ \hline \end{array}$	4	$\begin{array}{r} 6746 \\ - 5816 \\ \hline \\ \hline \end{array}$
5	$\begin{array}{r} 6873 \\ - 5175 \\ \hline \\ \hline \end{array}$	6	$\begin{array}{r} 7043 \\ - 5878 \\ \hline \\ \hline \end{array}$	7	$\begin{array}{r} 7861 \\ - 7200 \\ \hline \\ \hline \end{array}$	8	$\begin{array}{r} 9803 \\ - 1985 \\ \hline \\ \hline \end{array}$
9	$\begin{array}{r} 7327 \\ - 5309 \\ \hline \\ \hline \end{array}$	10	$\begin{array}{r} 7178 \\ - 2906 \\ \hline \\ \hline \end{array}$	11	$\begin{array}{r} 5637 \\ - 4447 \\ \hline \\ \hline \end{array}$	12	$\begin{array}{r} 2877 \\ - 2498 \\ \hline \\ \hline \end{array}$

What is the value of the shaded portion of the 100 square?

I do



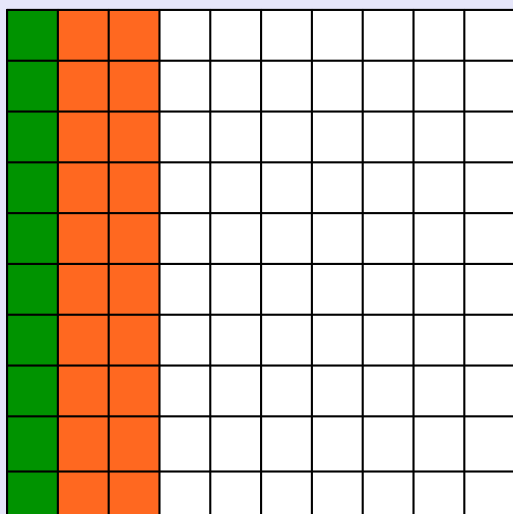
10 out of 100 is shaded so its $\frac{10}{100}$



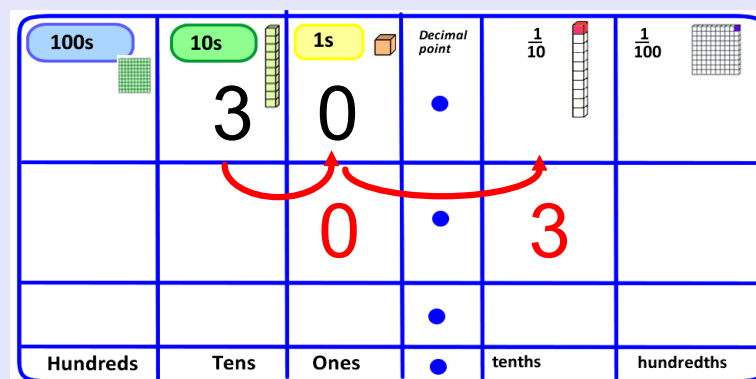
I know $\frac{10}{100}$, $\frac{1}{10}$ and 0.1 are equivalent because if the hundred grid is split into 10 equal parts there would be 10 hundredths in each part.

What is the value of the shaded portion of the 100 square?

I do



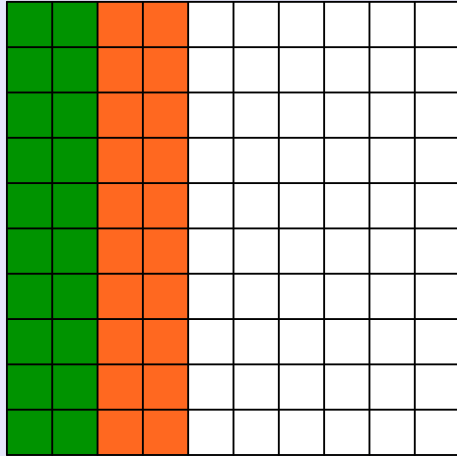
30 out of 100 is shaded so its $\frac{30}{100}$



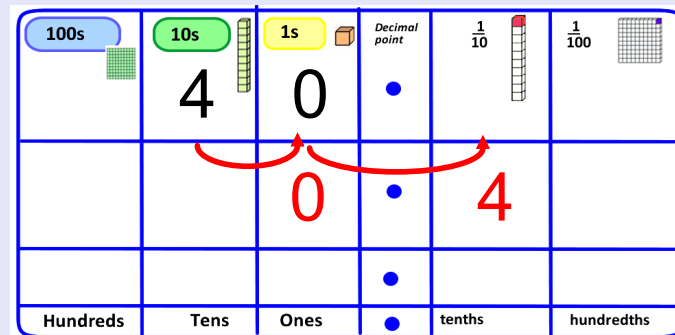
I know $\frac{30}{100}$, $\frac{3}{10}$ and 0.3 are equivalent because if the hundred grid is split into 10 equal parts there would be 10 hundredths in each part and 30 hundredths in 3 parts.

What is the value of the shaded portion of the 100 square?

I do



40 out of 100 is shaded so its $\frac{40}{100}$

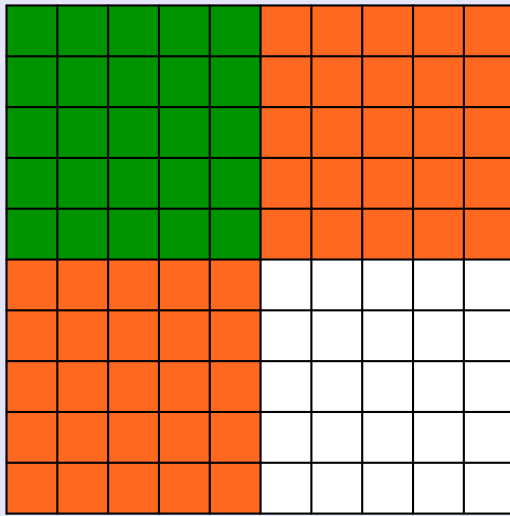


I know $\frac{40}{100}$, $\frac{4}{10}$, $\frac{2}{5}$ and 0.4 are equivalent because if the hundred grid is split into 5 equal parts there would be 20 hundredths in each part and 40 hundredths in 2 parts.

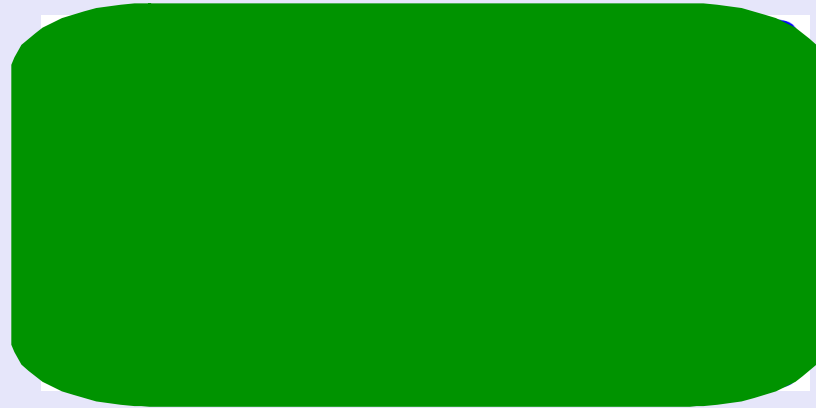
(look back at yesterday's work, how is this similar or different to $\frac{20}{100}$)

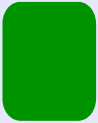
What is the value of the shaded portion of the 100 square?

We do



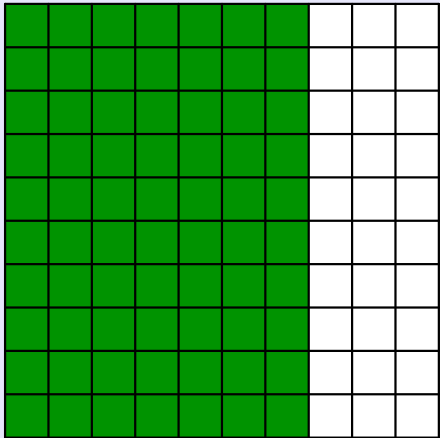
75 out of 100 is shaded so its



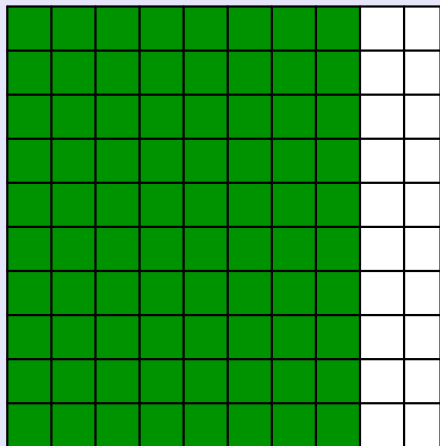
I know ,  and  are equivalent because if the hundred grid is split into 4 equal parts there would be 25 hundredths in each part and  hundredths in  parts.

What is the fraction and decimal value
of the shaded portion of the 100 square?

You Do



The value of the shaded portion is
___ and ___ in fraction and ____ in
decimal



The value of the shaded portion is
___ , ___ and ___ in fraction and ____ in
decimal

You Do

Write these fractions as decimals

- (a) $\frac{1}{2}$ (b) $\frac{1}{4}$ (c) $\frac{3}{4}$ (d) $\frac{1}{5}$ (e) $\frac{3}{5}$ (f) $\frac{7}{10}$

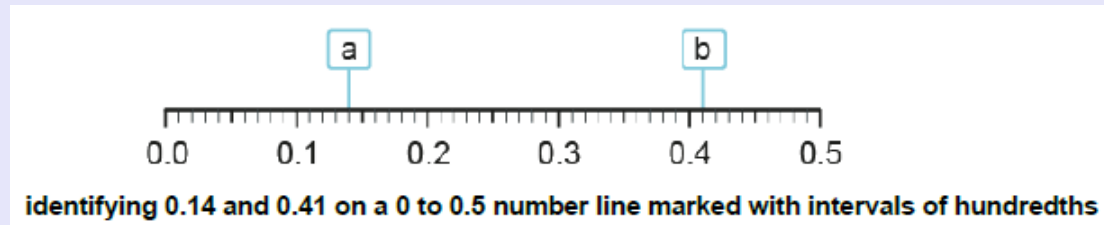
Write these decimals as fractions

- (a) 0.1 (b) 0.6 (c) 0.5 (d) 0.75 (e) 0.8 (f) 0.2 (g) 0.25

*Some common equivalent fractions
and decimals*

Fractions and Decimals Wall

1 1.0											
$\frac{1}{2}$ 0.5						$\frac{1}{2}$ 0.5					
$\frac{1}{3}$ 0.3 $\dot{3}$				$\frac{1}{3}$ 0.3 $\dot{3}$				$\frac{1}{3}$ 0.3 $\dot{3}$			
$\frac{1}{4}$ 0.25			$\frac{1}{4}$ 0.25			$\frac{1}{4}$ 0.25			$\frac{1}{4}$ 0.25		
$\frac{1}{5}$ 0.2		$\frac{1}{5}$ 0.2		$\frac{1}{5}$ 0.2		$\frac{1}{5}$ 0.2		$\frac{1}{5}$ 0.2		$\frac{1}{5}$ 0.2	
$\frac{1}{6}$ 0.167		$\frac{1}{6}$ 0.167		$\frac{1}{6}$ 0.167		$\frac{1}{6}$ 0.167		$\frac{1}{6}$ 0.167		$\frac{1}{6}$ 0.167	
$\frac{1}{7}$ 0.142		$\frac{1}{7}$ 0.142		$\frac{1}{7}$ 0.142		$\frac{1}{7}$ 0.142		$\frac{1}{7}$ 0.142		$\frac{1}{7}$ 0.142	
$\frac{1}{8}$ 0.125		$\frac{1}{8}$ 0.125		$\frac{1}{8}$ 0.125		$\frac{1}{8}$ 0.125		$\frac{1}{8}$ 0.125		$\frac{1}{8}$ 0.125	
$\frac{1}{9}$ 0.11 $\dot{1}$		$\frac{1}{9}$ 0.11 $\dot{1}$		$\frac{1}{9}$ 0.11 $\dot{1}$		$\frac{1}{9}$ 0.11 $\dot{1}$		$\frac{1}{9}$ 0.11 $\dot{1}$		$\frac{1}{9}$ 0.11 $\dot{1}$	
$\frac{1}{10}$ 0.1		$\frac{1}{10}$ 0.1		$\frac{1}{10}$ 0.1		$\frac{1}{10}$ 0.1		$\frac{1}{10}$ 0.1		$\frac{1}{10}$ 0.1	
$\frac{1}{11}$ 0.0 $\dot{9}$		$\frac{1}{11}$ 0.0 $\dot{9}$		$\frac{1}{11}$ 0.0 $\dot{9}$		$\frac{1}{11}$ 0.0 $\dot{9}$		$\frac{1}{11}$ 0.0 $\dot{9}$		$\frac{1}{11}$ 0.0 $\dot{9}$	
$\frac{1}{12}$ 0.08 $\dot{3}$		$\frac{1}{12}$ 0.08 $\dot{3}$		$\frac{1}{12}$ 0.08 $\dot{3}$		$\frac{1}{12}$ 0.08 $\dot{3}$		$\frac{1}{12}$ 0.08 $\dot{3}$		$\frac{1}{12}$ 0.08 $\dot{3}$	



"a is 0.14 because it is 1 hundredth less than the midpoint of 0.1 and 0.2, which is 0.15."

"b is 0.41 because it is 1 hundredth more than 0.4."

O	t	h	th
0	1	4	
0	4	1	