

15.03.21

Pre teach

100s 	10s 	1s 	Decimal point •	$\frac{1}{10}$ 	$\frac{1}{100}$ 
		0	•	1	
			•		
Hundreds	Tens	Ones	•	tenths	hundredths

We know that 0.1 and $\frac{1}{10}$ are equal because 1 is in the tenths column

100s 	10s 	1s 	Decimal point •	$\frac{1}{10}$ 	$\frac{1}{100}$ 
		0	•	0	1
			•		
Hundreds	Tens	Ones	•	tenths	hundredths

We know that 0.01 and $\frac{1}{100}$ are equal because 1 is in the hundredths column

15.03.21

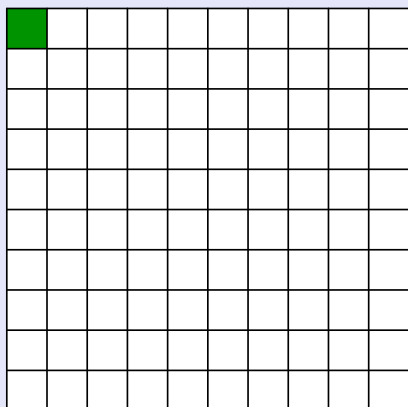
L.O: To identify equivalent decimals

On your whiteboards

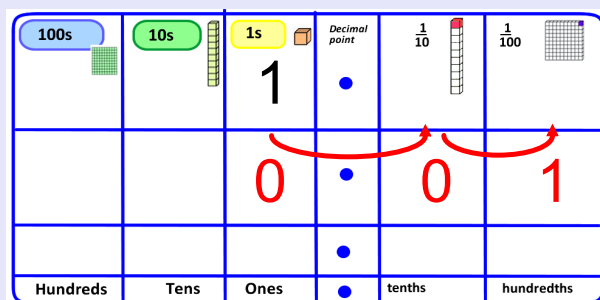
1	$\begin{array}{r} 8017 \\ - 5004 \\ \hline \\ \hline \end{array}$	2	$\begin{array}{r} 6276 \\ - 3153 \\ \hline \\ \hline \end{array}$	3	$\begin{array}{r} 8068 \\ - 2044 \\ \hline \\ \hline \end{array}$	4	$\begin{array}{r} 9894 \\ - 8452 \\ \hline \\ \hline \end{array}$
5	$\begin{array}{r} 6558 \\ - 4341 \\ \hline \\ \hline \end{array}$	6	$\begin{array}{r} 8302 \\ - 5301 \\ \hline \\ \hline \end{array}$	7	$\begin{array}{r} 8969 \\ - 4823 \\ \hline \\ \hline \end{array}$	8	$\begin{array}{r} 8568 \\ - 3522 \\ \hline \\ \hline \end{array}$
9	$\begin{array}{r} 6482 \\ - 4151 \\ \hline \\ \hline \end{array}$	10	$\begin{array}{r} 6143 \\ - 3022 \\ \hline \\ \hline \end{array}$	11	$\begin{array}{r} 9663 \\ - 6241 \\ \hline \\ \hline \end{array}$	12	$\begin{array}{r} 6527 \\ - 3204 \\ \hline \\ \hline \end{array}$

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

I do



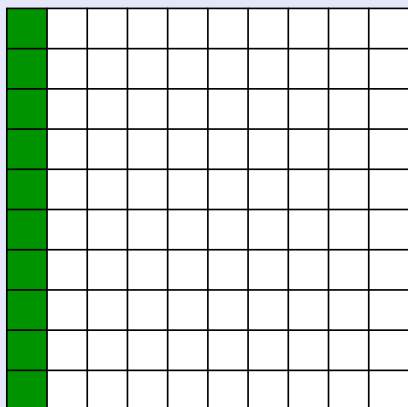
1 out of 100 is shaded so its $\frac{1}{100}$



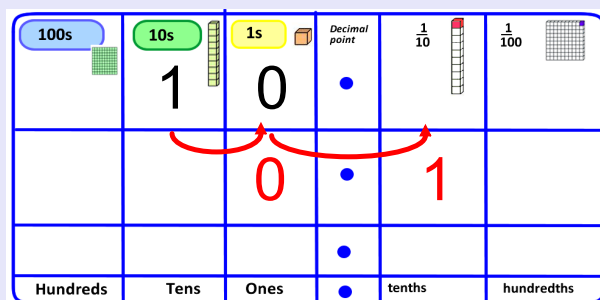
I know $\frac{1}{100}$ and 0.01 are equivalent because if the hundred

grid is split into 100 equal parts there would be 1 hundredths in each part.

I do



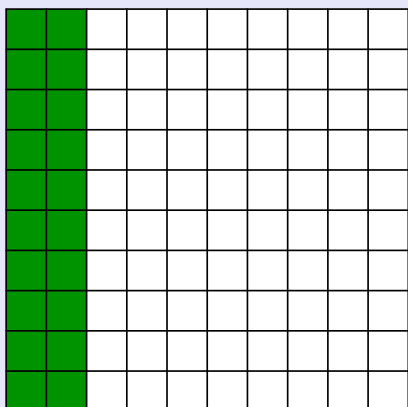
10 out of 100 is shaded so its $\frac{10}{100}$



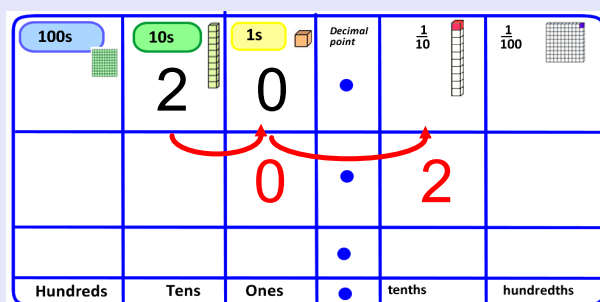
I know $\frac{10}{100}$, $\frac{1}{10}$ and 0.1 are equivalent because if the hundred grid is split into 10 equal parts there would be 10 hundredths in each part.

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

I do



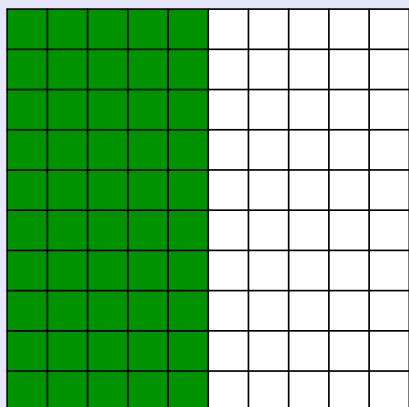
20 out of 100 is shaded so its $\frac{20}{100}$



I know $\frac{20}{100}$, $\frac{2}{10}$, $\frac{1}{5}$ and 0.2 are equivalent because if the hundred grid is split into 5 equal parts there would be 20 hundredths in each part.

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

We do



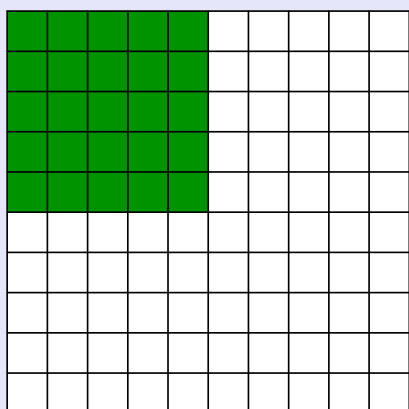
50 out of 100 is shaded so its



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

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

We do



25 out of 100 is shaded so its



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

Use $<$, $=$, $>$ to compare the values
(Write the full statement)

You Do

a) $0.1 \square \frac{5}{10}$ b) $0.25 \square \frac{1}{4}$ c) $0.5 \square \frac{20}{100}$

d) $0.20 \square \frac{1}{4}$ e) $0.50 \square \frac{1}{2}$ f) $\frac{10}{100} \square 0.25$

Use $<$, $=$, $>$ to compare the values
(Write the full statement)

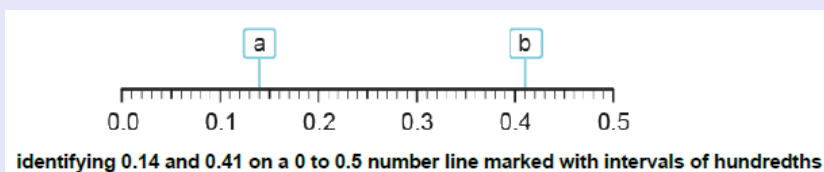
You Do

a) $0.1 \boxed{<} \frac{5}{10}$ b) $0.25 \boxed{=} \frac{1}{4}$ c) $0.5 \boxed{>} \frac{20}{100}$

d) $0.20 \boxed{<} \frac{1}{4}$ e) $0.50 \boxed{=} \frac{1}{2}$ f) $\frac{10}{100} \boxed{<} 0.25$

*Some common equivalent fractions
and decimals*

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 $\dot{9}$	
$\frac{1}{12}$ 0.083		$\frac{1}{12}$ 0.083		$\frac{1}{12}$ 0.083		$\frac{1}{12}$ 0.083		$\frac{1}{12}$ 0.083		$\frac{1}{12}$ 0.083	



"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	

