26.04.21

LO: To identify equivalent decimals

(half, quarter and three-quarters)

Starter - write down these numbers

26.04.21

$3 = 21$

$2 = 14$

$5 = 35$

$4 = 28$

$7 = 49$

$1 = 7$

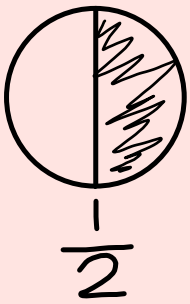
$9 = 63$

$12 = 84$

$10 = 70$

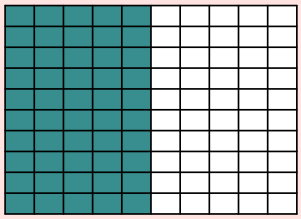
x by 7

What do we know about these?



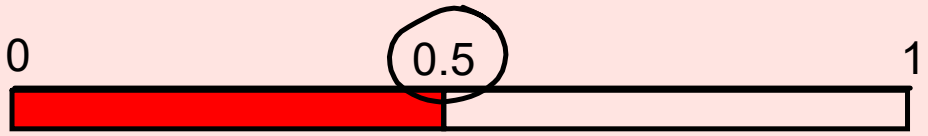
$\frac{1}{2}$

$\frac{50}{100}$





$\frac{5}{10}$



$\frac{1}{2}$ $\frac{50}{100}$ $\frac{5}{10}$ 0.5

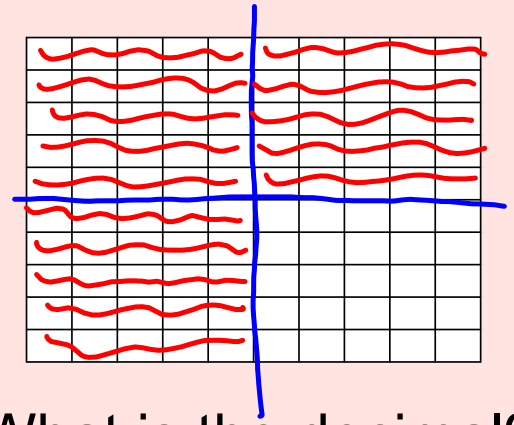
$\frac{75}{100}$ =

$\frac{3}{4}$

How many tenths?

How any hundredths?

I do

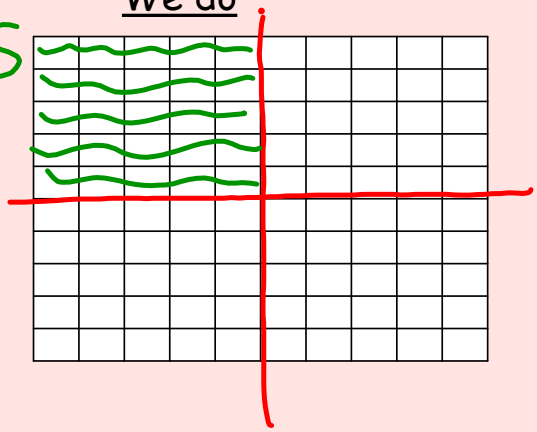


What is the decimal?

0.75

$$\frac{25}{100} = \frac{1}{4} = 0.25$$

We do



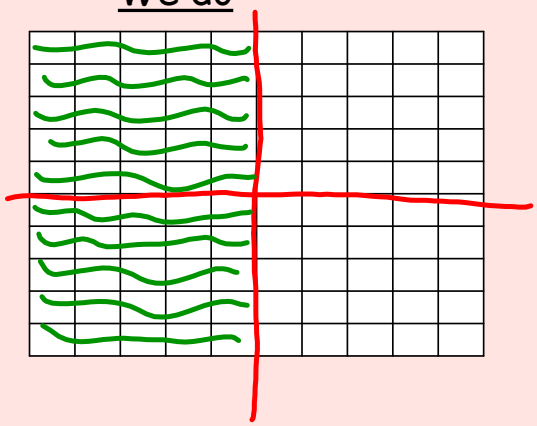
How many tenths?

How many hundredths?

What is the decimal?

$\frac{50}{100}$ = $\frac{1}{2}$ =

We do



How many tenths?

How many hundredths?

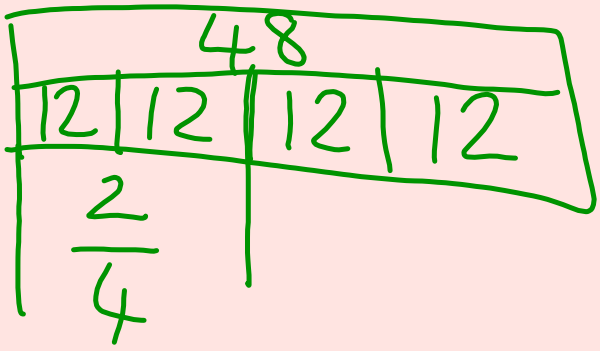
What is the decimal?

0.5

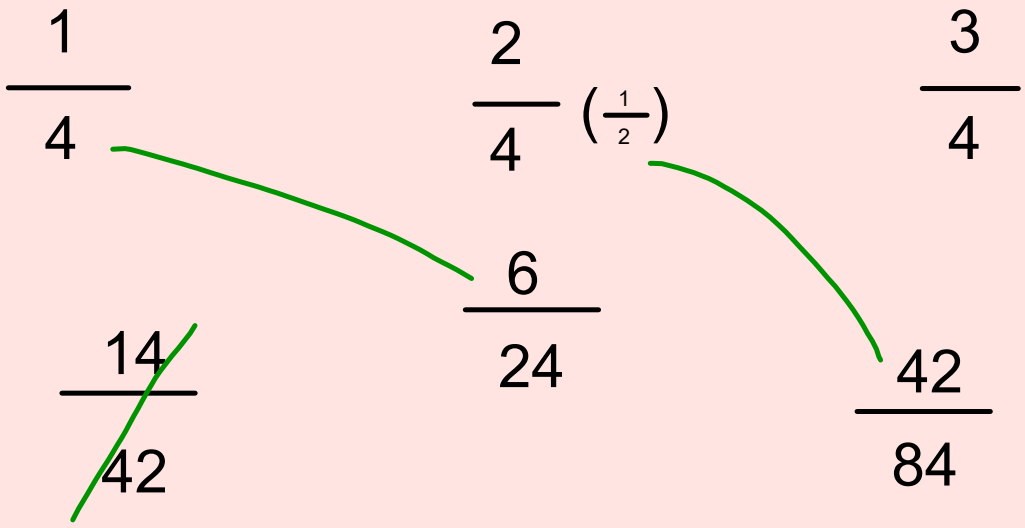
https://www.bbc.co.uk/bitesize/topics/zhdwxnb/articles/zcdgxfr

$\frac{1}{4}$ $\frac{24}{48}$ $\frac{2}{4}$ $(\frac{1}{2})$ $\frac{3}{4}$

$\frac{14}{42}$



I do



We do

1. $\frac{4}{8} =$

2. $\frac{6}{8} =$

3. $\frac{4}{16} =$

4 $\frac{2}{8} =$

5. $\frac{15}{20} =$

6. $\frac{25}{50} =$

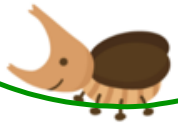
7. $\frac{5}{20} =$

8. $\frac{7}{28} =$

You do

Sammy the spider can run 5m in 0.75 of a minute. Barry the beetle can run 5m in $\frac{3}{12}$ of a minute. Who can run the fastest?
Explain how you know.





Claire the cricket can jump 1 mile in $\frac{7}{28}$ of an hour. Gary the grasshopper can jump 1 mile in $\frac{12}{16}$ of an hour. Who can jump the fastest?
Explain how you know.





You do

True or false

These are all the same:

0.5 of 50 0.75 of 32 0.25 of 96

Prove it

Find 0.5 of 24

Find 0.75 of 16

Find 0.25 of 48

What do you notice?

Can you write any other similar statements?