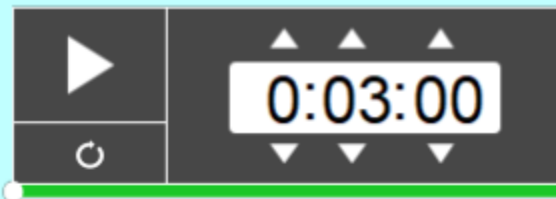


MOS



I am learning to write any decimal equivalent to tenths and hundredths

$$3/10 =$$

$$2 \text{ tenths} =$$

$$3 \text{ hundredths} =$$

$$53/100 =$$

$$7 \text{ tenths and } 4 \text{ hundredths} =$$

And the other way...

$$0.5$$

$$0.03$$

$$0.99$$

Show me!  
Prove it!



## Focus Question



Is it possible to write  $1/2$  as tenths?



How about  $1/4$ ?

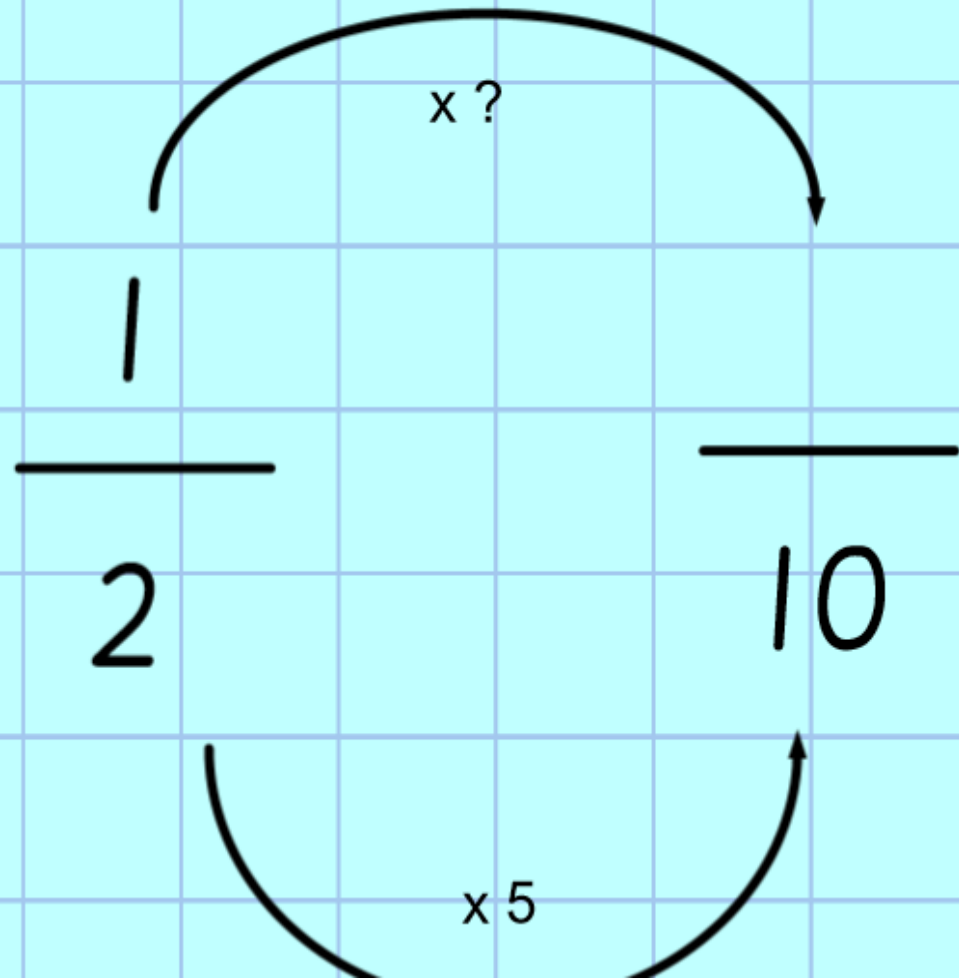


# Recap:

- We learnt that that 10 tenths are equal to a whole (1)
- We learnt that 100 hundredths are equal to a whole (1)
- We can write hundredths as  $\frac{1}{100}$
- We can write tenths as  $\frac{1}{10}$
- A fraction is a part of a whole

I am learning to find equivalent fractions

Let's Learn



VOCAB:

**Numerator** - How many pieces of the whole you have (top number)

**Denominator** - How many pieces make up the whole (bottom number)

$$\frac{1}{2} = \frac{5}{10}$$

The diagram illustrates the process of finding an equivalent fraction. It shows the fraction  $\frac{1}{2}$  on the left, followed by an equals sign, and the fraction  $\frac{5}{10}$  on the right. A curved arrow labeled "x 5" starts above the numerator 1 and points to the numerator 5. A second curved arrow labeled "x 5" starts below the denominator 2 and points to the denominator 10.

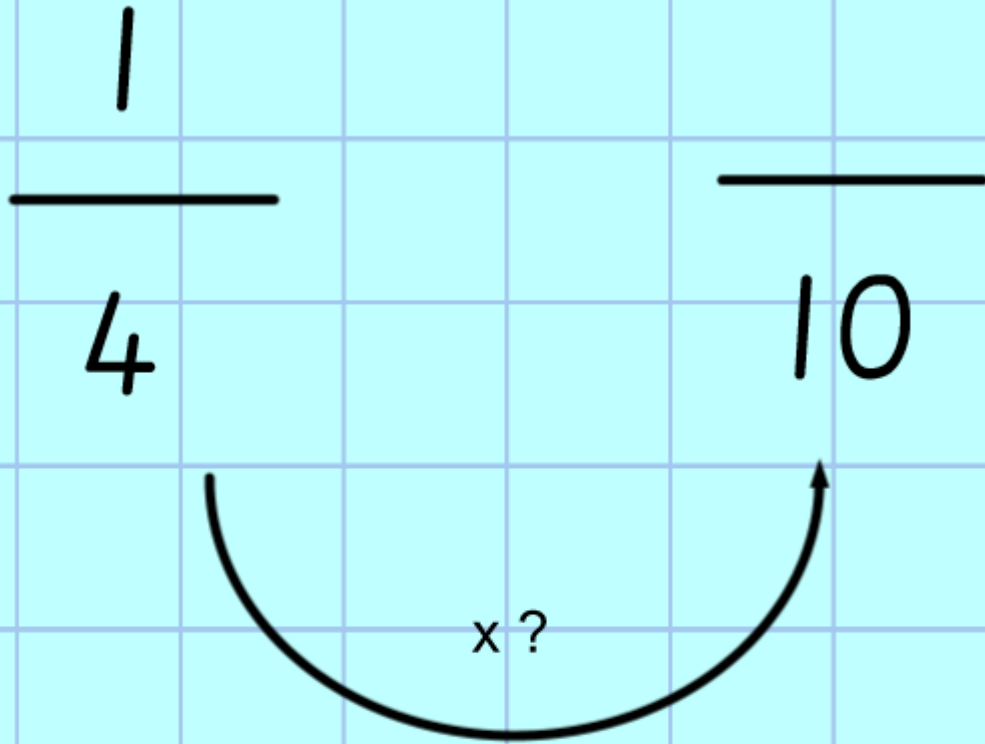
VOCAB:

**Numerator** - How many pieces of the whole you have (top number)

**Denominator** - How many pieces make up the whole (bottom number)

REMEMBER - You must do the same to the numerator as the denominator!

Is this possible?



**Numerator** - How many pieces of the whole you have (top number)

**Denominator** - How many pieces make up the whole (bottom number)

REMEMBER - You must do the same to the numerator as the denominator!

But you could change it into hundredths...

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

VOCAB:

**Numerator** - How many pieces of the whole you have (top number)

**Denominator** - How many pieces make up the whole (bottom number)

REMEMBER - You must do the same to the numerator as the denominator!

Choose your practise – turn the fractions into tenths or hundredths.

$$1/5$$

$$2/5$$

$$4/5$$

$$3/5$$

$$1/20$$

$$7/20$$

$$19/20$$

$$11/25$$

$$43/50$$



## I am learning to find equivalent fractions

### Steps to success:

- Do the same to the top as the bottom!
- Divide denominator you are making by denominator you have to find what you need to multiply numerator by

OR

- Check times table of your denominator to find equivalent denominator



## Challenge

- Now choose Mild, Spicy or Hot to practise converting into tenths and hundredths

# Games around equivalent fractions

<https://www.topmarks.co.uk/Search.aspx?q=equivalent%20fractions>