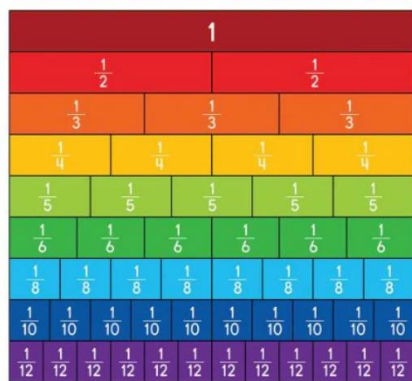


When two fractions have different numerators and denominators to one another but share the same numerical value, they are called 'equivalent fractions'. The aim is to be able to recall some of these instantly.

Year 4- Summer 2

Use a fraction wall to help:



Concrete:



What can this look like?

Pictorial:



$$\frac{1}{4} = \frac{3}{12}$$

Abstract:

Find me 4 equivalent fractions to $\frac{1}{4}$

Questions to ask at home

What is an **equivalent fraction** to $\frac{1}{2}$?

Is $\frac{2}{4}$ **equivalent** to $\frac{1}{2}$?

What is an **equivalent fraction** to $\frac{1}{3}$?

What is an **equivalent fraction** to $\frac{1}{5}$?

Key vocabulary

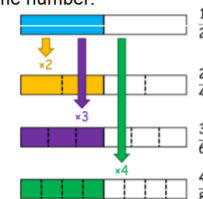
Fraction- a numerical quantity that is not a whole number

Equivalent-similar but not identical (e.g. $\frac{2}{4}$ and $\frac{1}{2}$)

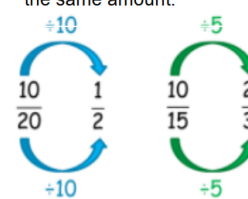
Activity ideas

Set a range of questions at home- show the method to the right to help your child- can they set some for you to answer too? You could even use same length pieces of paper and fold them equally to show equivalences.

You can find equivalent fractions quickly by multiplying the numerator & denominator by the same number.



You can cancel a fraction to its simplest form by dividing the numerator and denominator by the same amount.



Websites

Phet fractions equality – This website features different games to help understand equivalent fractions.

https://phet.colorado.edu/sims/html/fractionequality/latest/fractionequality_en.html