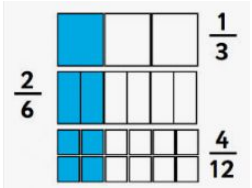
KIRF- I can recall simple equivalent fractions

Year 4 - Summer 2

What can this look like?

Concrete:

Pictorial:

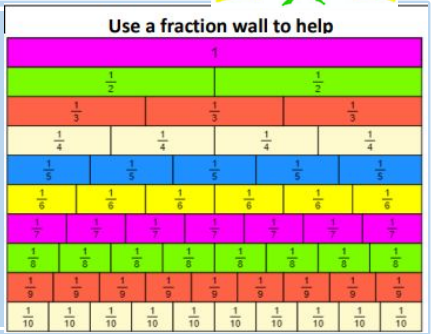


Abstract:

$$\frac{1}{4} = \frac{2}{8} = \frac{3}{12} = \frac{4}{16} = \frac{5}{20}$$

Focus on equivalents of:

½, ⅓, ¼, ⅕



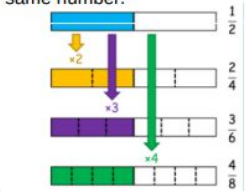
Questions to ask at home

- What is an equivalent fraction to ½?
- Is 3/6 equivalent to ½?
- What is an equivalent fraction to ⅓?
- If I had 2/10 of the pizza is this equivalent to 1/5?

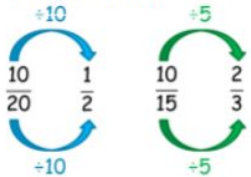
Key vocabulary

Fraction- a number that is used to represent a whole number/measure that has been divided into equal parts.
Equivalent means equal to in value.
Denominator- (the bottom number of the fraction) How many equal parts the whole has been divided into.
Numerator- (the top number of th fraction) How many equal parts you have/are selected.

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.



Things to try:

- Folding paper into equal pieces-looking for equivalents
- Create matching card games.

Websites

- **Phet fractions equality – This website features different games to help understand equivalent fractions.**
  https://phet.colorado.edu/sims/html/fractions-equality/latest/fractions-equality_en.html
- **BBC- revisits and games:**
  https://www.bbc.co.uk/bitesize/articles/zbqkvwx#z94pb7h