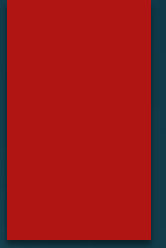


Equivalent Fractions

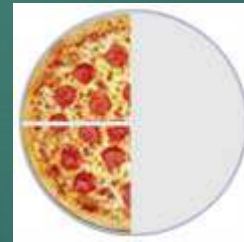


On your tables...

- ▶ Can you tell me what an equivalent fraction is?
- ▶ An equivalent fraction is a fraction which has the same value, even though they may look different or be written differently.



$\frac{1}{2}$



is the same as

$\frac{1}{4} + \frac{1}{4}$

Task...

- ▶ In front of you are some cut up 'Fraction Walls'.
- ▶ I want you to lay the fraction wall out and see how many different fractions go into each other.



For example: We know that $\frac{1}{4} + \frac{1}{4} =$

$\frac{1}{2}$

- ▶ Can you find any others?
- ▶ Record them in your books in the same format I have above.

What did you find?

- ▶ Give me some examples of what Fractions you found that where equivalent.

Hmm...

- ▶ Do fractions always have to be represented in blocks like on our fraction walls??
- ▶ Can they be represented in different ways yet still hold the same value?

On your tables

- ▶ Can you put the pizza's back together using different fractions?
- ▶ Once you have made a full pizza record the fractions you used to make 1 whole in your books. Leave space for a Date, Title and LO.

Break

- ▶ When you come back after break I expect;
- ▶ You to come in quietly,
- ▶ Get on with the worksheet on your table straight away,
- ▶ Work independently,
- ▶ Independent work means what?
- ▶ If you need colours you may get some. However, this is a maths lesson – not art. Do not spend lots of time colouring in the worksheet – I am more interested in your answers and ability to work with fractions than how neatly you have coloured in or how many various colours you have used.



Date: 10/11/15

Title: Equivalent Fractions

LO: Identify, name and write equivalent fractions that are represented visually.

Plenary

- ▶ What have we learned today?
- ▶ Is $12/12^{\text{th}}$ s equal to 1 whole?