

Fun with Fractions

This week is about trying to find fractions in your everyday life so mostly in your house! If you are lucky enough to have a garden you can also use objects or space outside.

Most people who have siblings will already be familiar with using fractions especially when dividing (sharing) out treats from the shop so you might already be an expert! :)

If you have access to Youtube there is a quick video (don't worry if not) - Let's Learn Fractions - Understanding Math for Kids https://www.youtube.com/watch?v=n0FZhQ_GkKw

A Fraction is simply a part of a whole. The denominator (bottom) is the total number it is split in to.

I would love you to see you have a go at dividing **equally** in a variety of ways.

Hot - $\frac{1}{2}$, $\frac{1}{4}$,

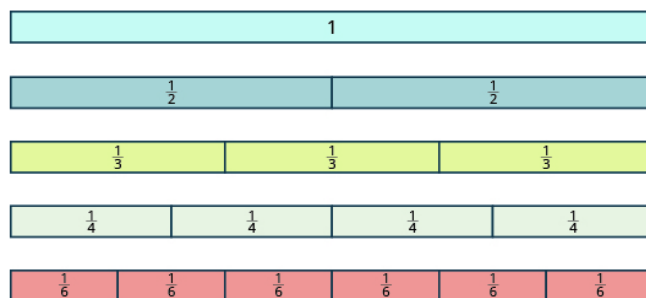
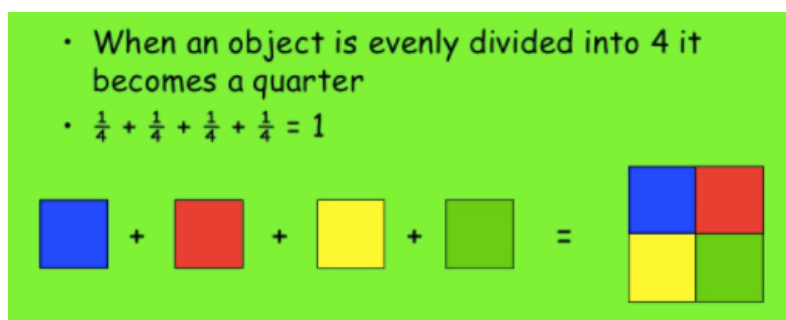
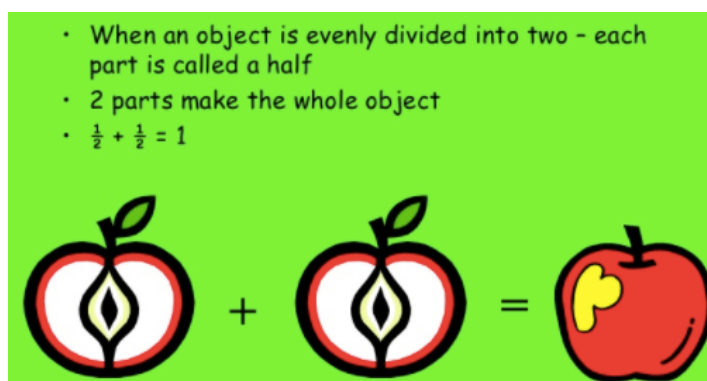
Spicy - $\frac{1}{2}$, $\frac{1}{4}$, $\frac{2}{4}$, $\frac{3}{4}$, $\frac{1}{3}$, $\frac{2}{3}$

Extra Spicy - Hot & Spicy also showing fifths($\frac{1}{5}$), sixths($\frac{1}{6}$), sevenths($\frac{1}{7}$), eighths($\frac{1}{8}$) & tenths($\frac{1}{10}$).

Try to write the fraction in numbers next to your examples and in words as well if you can.

Your examples can be done in a lot of ways, get creative!

E.g. Photos, bar models, detailed sketches, painting, chalk or ICT if it is available.



Remember to send in any learning you are proud of to HBNEnquiries@sch.im :)

Problem solving

Spicy

Abby says that $\frac{2}{4}$ of 24 is more than $\frac{1}{2}$ of 24. Rachel thinks she is wrong. Work out who is right and explain to an adult or show your workings out.

Extra Spicy

Kadri says that she wants $\frac{2}{8}$ of the cake because it is bigger than $\frac{2}{4}$. Steph thinks she is wrong. Find out who is right make sure you prove it and explain!

Spicy

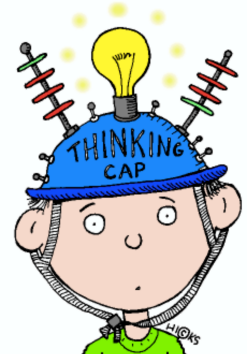
Using coins if possible (make sure you clean them!)

1. Find sets of coins that can show the equivalent of one whole, one half and two quarters to each other.



Whole	Half	Two quarters

Is there more than one possibility?



Challenge

Practise your number bonds throughout the week.

Hot

Pairs that total 10 and 20.

e.g. $5 + ? = 10$

$16 + ? = 20$

Spicy

Pairs that total 100

e.g. $60 + ? = 100$

Extra Spicy

Pairs that total 1000.

e.g. $1000 - 650 = ?$

Hot

Ruth has two coins of the same value.

How much might she have altogether?

Jo has three 20p and two 15p stamps.

What values can he make using one or more of the stamps?

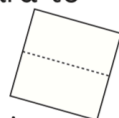
My cat is 30 cm tall.
My dog is 25 cm taller.

How tall is my dog?

★ How many different ways can you fold a square in half?

★ Use a square piece of paper or card to test out your answer.

★ True or False? If the square was bigger you could fold it in half in more ways.



I AM THINKING OF A NUMBER GAME:

I halve it.

I add 10.

I have 20.

What was my number?

Think of your own numbers and create clues for family members to work out!

Hot: Add & Subtract.

Spicy: Multiply & Divide.

Extra Spicy: Increase the number of steps.

