Fractions day 6

You have now mastered halves ½, 1/3, ¼ and understand what each number stands for let’s look at fractions where the numerator is not a 1.

¾ three quarters

This is the number of parts we have

\[
\begin{array}{c}
3 \\
4
\end{array}
\]

This is the total number of parts the whole is divided into.

Let’s learn:

What is ¾ of 8?

First divide into ¼’s

I have shared the cats into 4 equal groups-1/4

¼ of 8= 2

So ¾ is 2+2+2

Or

2x3=6
Now we will look at $\frac{2}{3}$

This is the number of parts we have \[ \frac{2}{3} \]

This is the total number of parts the whole is divided into.

Try one or two of these activities:

1. Draw a shape. Draw lines to split it into $\frac{1}{4}$. Colour in 3 sections to show $\frac{3}{4}$. Repeat with a different shape. Now try drawing a shape and split it into $\frac{1}{3}$. Colour 2 sections to show $\frac{2}{3}$.

2. Count out 12 buttons or counters or sweets. Split them into $\frac{1}{4}$. How many have you got in each $\frac{1}{4}$? Now work out how many in $\frac{3}{4}$. Repeat but this time divide into $\frac{1}{3}$. How many have you got in each $\frac{1}{3}$? Now work out how many in $\frac{2}{3}$.

If you are feeling up to a challenge work out $\frac{1}{2}$ of a number and then $\frac{2}{4}$ of the same number. What do you notice?