Just as you would in school, it's a good idea to take breaks between different subjects and for lunch.

Year 6

Maths

Wednesday 25th March

This icon means upload your task to the website.

Let's get active with Joe Wicks

Choose another [Joe Wicks](#) work out for kids!

Maths: Active

Perform lunge jumps while you recite a times table you find challenging, for example:

1 x 11 = , 2 x 11 = up to 12 x 11 =

Can you do it backwards?

12 x 11=, 11 x 11 = ...

Maths: Mixed numbers

If

$$1\tfrac{1}{2} + 1\tfrac{1}{5} = 2\tfrac{7}{10}$$
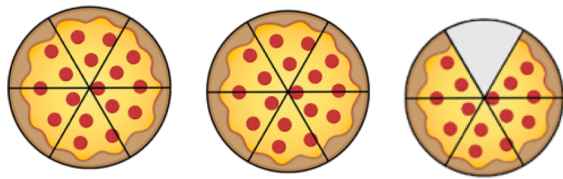
then

$$3\tfrac{1}{2} + 1\tfrac{1}{5} =$$
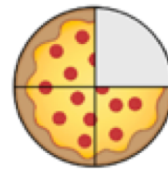
and

$$3\tfrac{1}{2} + 13\tfrac{1}{5} =$$

Maths: Mixed numbers

After yesterday's pizzas, you're hungry again. You have 2 whole pizzas and $\frac{5}{6}$ of another. You then eat $\frac{3}{4}$. Let's look at this as a picture.
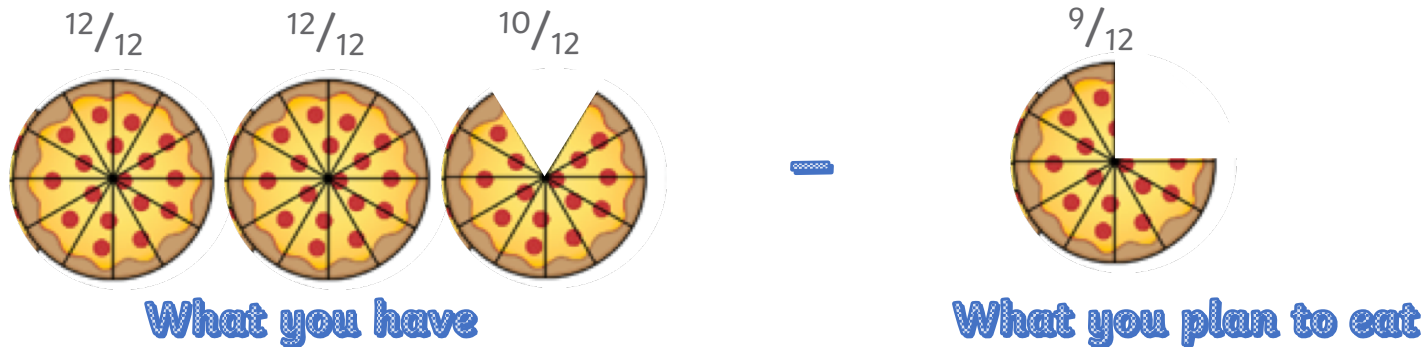
What you have − **What you plan to eat**

It is difficult to work this out as the slices are not the same size.

Maths: Mixed numbers

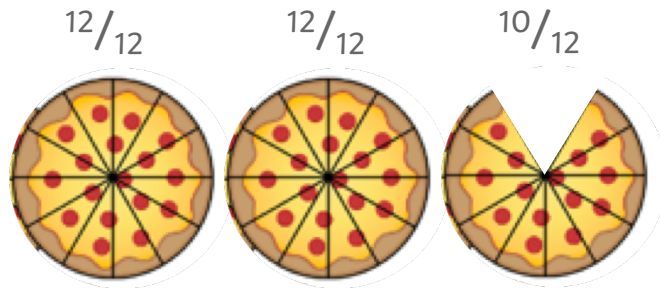To make each slice the same size we need to find the **LCM.** This is 12.

You pizzas are now sliced into 12 equal parts.

$^{12}/_{12}$ $^{12}/_{12}$ $^{10}/_{12}$ $^{9}/_{12}$

What you have   —   **What you plan to eat**
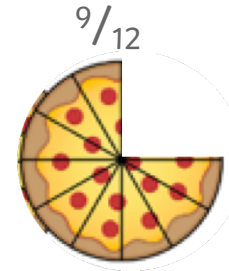
$$\frac{34}{12}$$

Remember that our denominator will stay the same throughout the calculation because we are not changing the size of each slice.

Maths: Mixed numbers

$^{12}/_{12}$ $^{12}/_{12}$ $^{10}/_{12}$ – $^{9}/_{12}$

What you have **What you plan to eat**

$\frac{34}{12}$ subtract $\frac{9}{12}$ leaves us with $\frac{25}{12}$

This is a mixed number.

How many full pizzas do we have?

A full pizza needs 12 slices (the denominator).
Check how many 12s we have in our total amount of slices 25.
We have 2 with $\frac{1}{12}$ left over.

Maths: Mixed numbers

a) $1\frac{1}{2} - 1\frac{1}{3}$

b) $4\frac{1}{2} - 4\frac{1}{3}$

c) $16\frac{1}{2} - 12\frac{1}{3}$

d) $1\frac{1}{7} - 1\frac{1}{8}$

e) $1\frac{2}{7} - 1\frac{2}{8}$

f) $13\frac{2}{7} - 8\frac{2}{8}$

g) $1\frac{8}{9} - 1\frac{3}{11}$

h) $17\frac{3}{11} - 3\frac{8}{9}$

Ext: $17\frac{3}{11} - 4\frac{8}{9} - 5\frac{1}{3}$