Maths 21-1-21

LO: I can recognise a unit fraction as one **equal** part of a whole.

Today's maths is a more practical-based investigation – you will need 10 strips of paper the same length (a cut down piece of A4 is ideal).

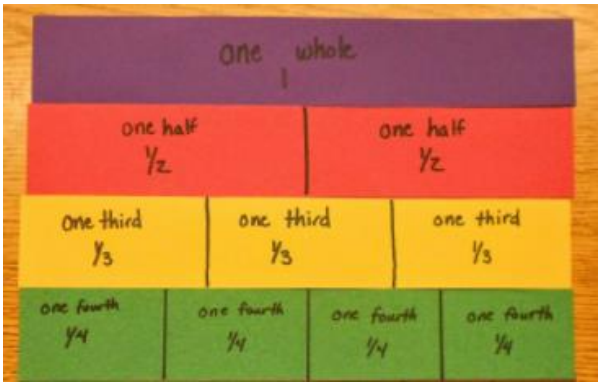
Task:

First of all, label one of the strips '1 Whole'

Next, you are going to fold a strip in half. Draw a line down where you have folded and label each piece '½'.

Do a similar thing for a '1/3' – this one will require a little more patience with the folding (remember from the LO that a unit fraction is one **equal** part of a whole *so be careful with this, a ruler might help here and for the later fractions with odd denominators!)*.

Then carry on dividing your strips into quarters, fifths, sixths etc etc until you have got to tenths. As you arrange the strips, it should look something like the picture below:



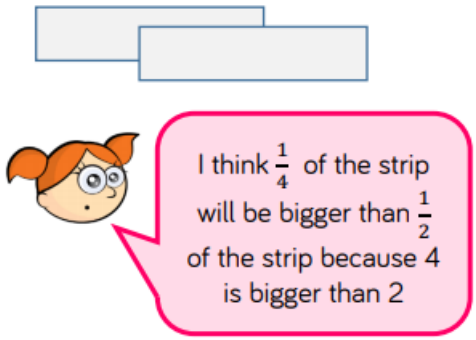
Can you answer these questions?

1. What do you notice about the fractions you have created?

Complete this sentence:

The _____ the denominator
the _____ the fraction.

2. Alex is folding two identical paper strips.



Use paper strips to prove Alex is incorrect.

Keep these strips in a safe place! We will need them next week when we start thinking about equivalent fractions.