Year 3 Maths   28-1-21

LO: I can recognise the equivalence of 1/2 and 2/4 using paper strips and number lines.

In class, we didn't quite finish all of the questions from yesterday so if that is the case for you then go back and finish them off before moving on.

Parent notes: *Children explore the equivalence of two quarters and one half of the same whole and understand that they are the same. The expectation of learning for year 3s compared to year 4s now differs as we continue learning about fractions.*

1. What does equivalent mean?
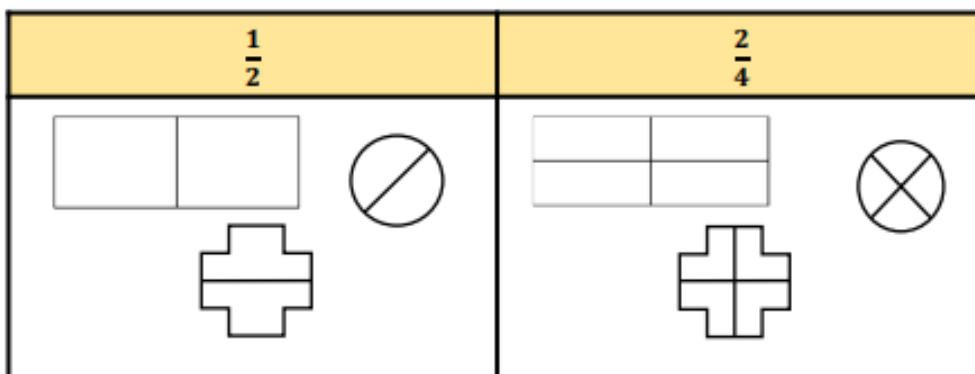
   What symbol do we use?

2.

Using two identical strips of paper, explore what happens when you fold the strips into two equal pieces and four equal pieces.
Compare one of the two equal pieces with two of the four equal pieces. What do you notice?

3.

Shade one half and two quarters of each shape.

$\frac{1}{2}$	$\frac{2}{4}$

4.

Using a number of counters or other objects, can you find one half of them? Can you find two quarters of them? What do you notice?

5.

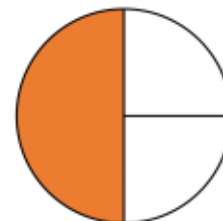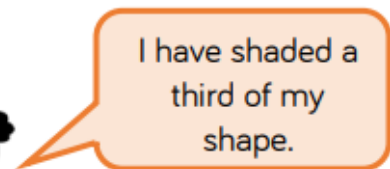Tommy has a jar of 12 cookies. He gives half of them to Alex, and $\frac{2}{4}$ of them to Mo.

Who gets the most cookies?

6.

Using red and blue squares, can you draw two towers to convince me that $\frac{1}{2}$ and $\frac{2}{4}$ are equal.

7.

Are these two fractions equal? $\frac{1}{2}$ and $\frac{2}{4}$

Are the numerators the same?

Are the denominators the same?

Why or why not?

8.

Whitney says:

I have shaded a third of my shape.

Do you agree?
Explain why.

Why do you think Whitney thinks this?