

Year 3 & 4 Maths – Lesson 4

LO: To recognise and show equivalent fractions

Vocabulary: equivalent fraction - **Equivalent fractions** have different numerators and denominators, but the same value. If you multiply or divide the numerator and the denominator by the same number, the new **fraction** will be **equivalent** to the original **fraction**.

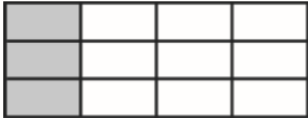

Direct Instruction

During this session, you will learn how to recognise and show equivalent fractions. To start this session watch Mrs Hassan's video on equivalent fractions.

<https://www.loom.com/share/2057be1723ff4a3d96a2210b8b920d94>

Guided practice

These fractions are equivalent. The rectangles are the same. The amount shaded is equivalent.

| | | | | |
|----------------|---|---|--|---------------|
| $\frac{3}{12}$ |  | = |  | $\frac{1}{4}$ |
|----------------|---|---|--|---------------|

You are going to be identifying equivalent fractions. If possible, you will need a print out of this task sheet. If you are unable to print the sheet out, you can insert a shape into each of the sections which will need to be shaded. To do this follow these steps:

- Click on 'insert' on the left-hand side at the top of your screen.
- Click on shapes and a drop-down menu will appear.
- Select the square or triangle shape which is what you will use to show which sections you want to shade.
- Then go into the section of the shape you would like to mark and use your cursor to draw the square or triangle, you can rotate your shapes to fit the section.
- Repeat for however many sections you are shading.

Look at the shapes and shade the correct amount of sections to make the fractions equivalent and then label them, the first one has been done for you.

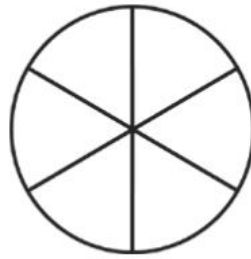
| | | | | |
|--|---------------|---|--|---------------|
|  | $\frac{1}{4}$ | = |  | $\frac{2}{8}$ |
|--|---------------|---|--|---------------|

Try these!

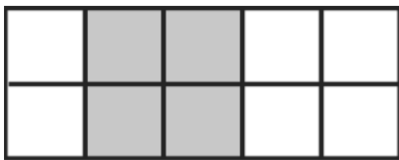


$\frac{\quad}{3}$

=



$\frac{\quad}{\quad}$

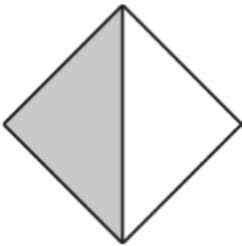


$\frac{\quad}{10}$

=

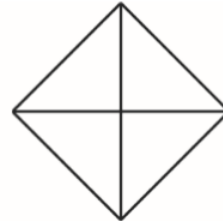


$\frac{\quad}{\quad}$

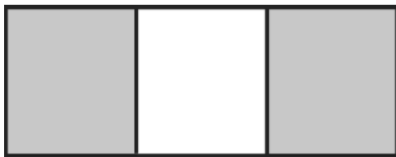


$\frac{\quad}{\quad}$

=

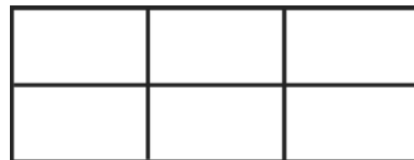


$\frac{\quad}{\quad}$



$\frac{\quad}{\quad}$

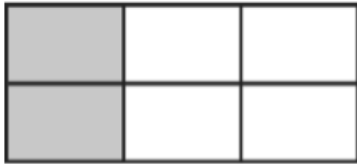
=



$\frac{\quad}{\quad}$

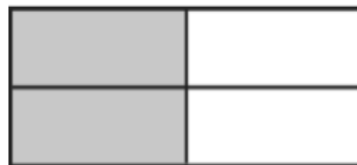
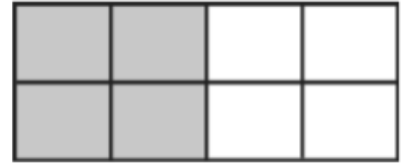
Independent practice

Working independently, work out the fraction shaded in the following shapes. Label the fractions and draw lines to match the equivalent fraction. If you are not able to print the sheet out, write the fraction pairs in your home learning book.



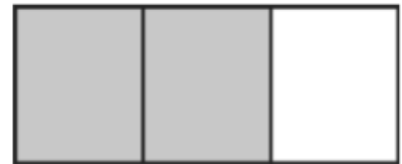
—

—



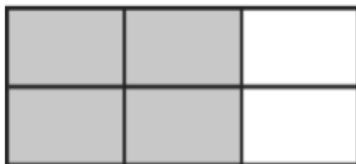
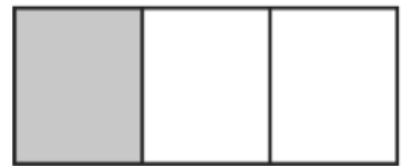
—

—



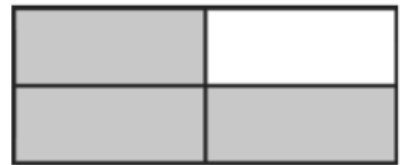
—

—



—

—



—

—

