

LO: I can investigate and record equivalent fractions.

Parent notes: Children use strip diagrams to investigate and record equivalent fractions. They start by comparing two fractions before moving on to finding more than one equivalent fraction on a fraction wall.

Key Questions: Look at the equivalent fractions you have found. What relationship can you see between the numerators and denominators? Are there any patterns? Can a fraction have more than one equivalent fraction?

Varied Fluency Questions:

1.

Use two strips of equal sized paper.

Fold one strip into quarters and the other into eighths.

Place the quarters on top of the eighths and lift up one quarter; how many eighths can you see? How many eighths are equivalent to one quarter?

Which other equivalent fractions can you find?

2.

Using squared paper, investigate equivalent fractions using equal $\frac{2}{4} = \frac{?}{8}$ parts e.g.

Start by drawing a bar 8 squares long.

Underneath, compare the same length bar split into four equal parts.

3.

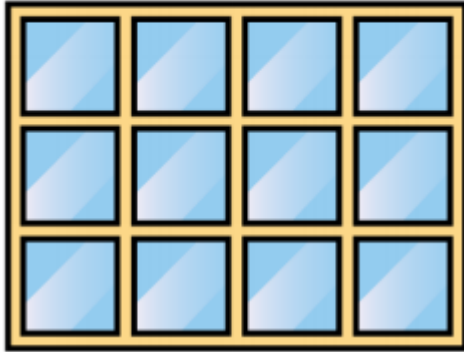
How many fractions that are equivalent to one half can you see on the fraction wall?



Draw extra rows to show other equivalent fractions.

4.

How many equivalent fractions can you see in this picture?



5.

Eva says,



I know that $\frac{3}{4}$ is equivalent to $\frac{3}{8}$ because the numerators are the same.

Is Eva correct?
Explain why.

6.

Ron has two strips of the same sized paper.

He folds the strips into different sized fractions.

He shades in three equal parts on one strip and six equal parts on the other strip.

The shaded areas are equal.

What fractions could he have folded his strips into?