Equivalent fraction puzzle

Recognise equivalent fractions

You will need:
- Resource 50: Fraction wall
- scissors

Challenge 1

Use Resource 50: Fraction wall.

1 Cut out the following sections: 1 whole, halves, quarters and eighths.

2 How many different ways can you find to make halves and quarters equal to one whole? Use the fraction wall like a puzzle.

Example

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

Challenge 2

Use Resource 50: Fraction wall.

1 Cut out the following sections: 1 whole, halves, quarters, sixths and eighths.

2 How many equivalent fractions can you find?

Example

$\frac{1}{4} = \frac{1}{8} + \frac{1}{8}$

Challenge 3

Use Resource 50: Fraction wall.

1 Cut out all the sections.

2 How many equivalent fractions can you find?

3 What do you notice about the denominators in the equivalent fractions?

Example

$\frac{1}{3} = \frac{1}{6} + \frac{1}{6}$