Fraction Match

Have fun with a matching game and practise finding equivalent fractions.

You will need:
- Scissors
- Fraction Cards, printed on thin card

What to do

- Cut out the cards. (Check with an adult before using scissors.)
- Mix up all the fraction cards and see how quickly you can match the pairs.

Challenge

If you want to make it trickier, find another player and play a game of pairs.

Pairs (two or more players)

Place all cards face down on the table.

In turns, turn over two cards and see if they match.

If they match, keep the pair. If they don't, turn them back over. The winner is the person with the most pairs once all of the cards have been matched.
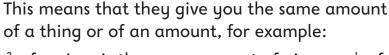
Equivalent Fractions

Some fractions have the same value as each other. This means that they give you the same amount of a thing or of an amount, for example:

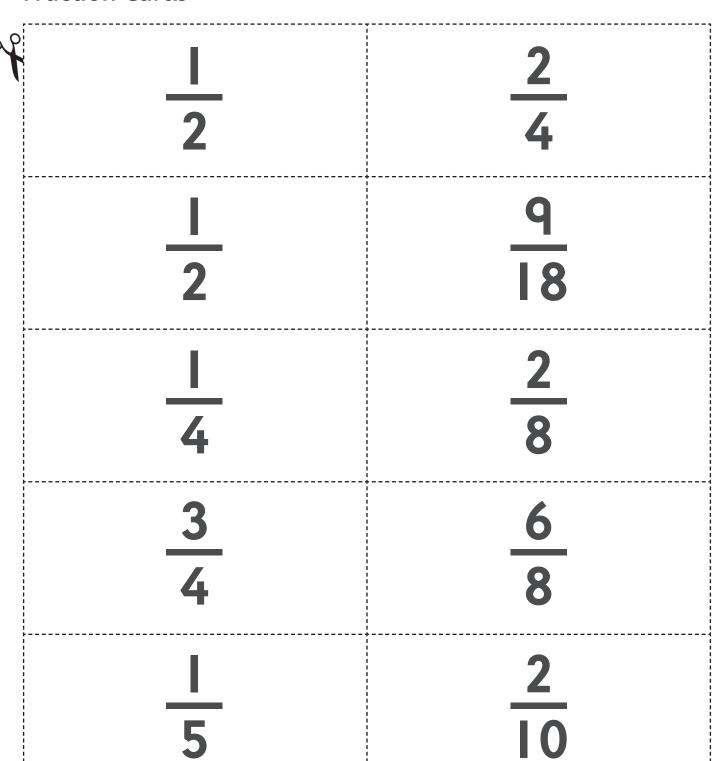$\frac{2}{4}$ of a pizza is the same amount of pizza as $\frac{1}{2}$ of a pizza.

When fractions have the same value they are called **equivalent fractions.** Fractions are equivalent if you can multiply or divide the top and bottom number of one fraction by the same number to get the top and bottom number of the other fraction. Here are some examples:

$$\overset{\times 2}{\underset{\times 2}{\frac{1}{2} = \frac{2}{4}}} \qquad \overset{\div 2}{\underset{\div 2}{\frac{2}{6} = \frac{1}{3}}} \qquad \overset{\div 3}{\underset{\div 3}{\frac{3}{15} = \frac{1}{5}}}$$

Fraction Cards

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

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

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

$$\frac{9}{18}$$

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

$$\frac{2}{8}$$

$$\frac{3}{4}$$

$$\frac{6}{8}$$

$$\frac{1}{5}$$

$$\frac{2}{10}$$

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Fraction Cards (continued)

$\dfrac{1}{5}$	$\dfrac{3}{15}$
$\dfrac{2}{5}$	$\dfrac{4}{10}$
$\dfrac{3}{5}$	$\dfrac{6}{10}$
$\dfrac{1}{3}$	$\dfrac{3}{9}$
$\dfrac{2}{3}$	$\dfrac{4}{6}$