Name: _____

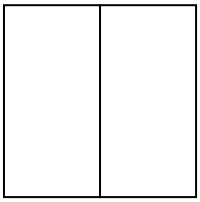
Use with the BBC Skillswise 'Simplifying Fractions' activity
http://www.bbc.co.uk/skillswise/numbers/fractiondecimalpercentage/

Equivalent Fractions

Sandwich

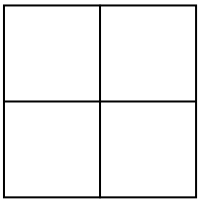
Shade in the fraction pictures

$\frac{1}{2}$

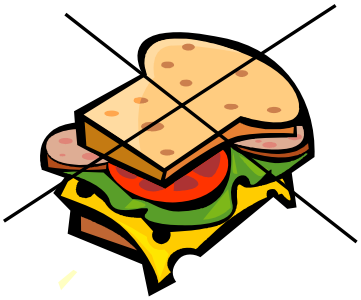


$\frac{1}{2}$

$\frac{2}{4}$



$\frac{2}{4}$



Some fractions look different but are the same.

$\frac{1}{2}$ and $\frac{2}{4}$ are the same.

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

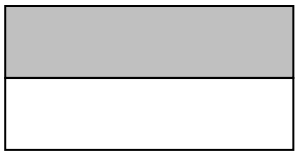
$\frac{1}{2}$ a sandwich is the same as $\frac{2}{4}$ of a sandwich.

If you can divide the top and bottom of the fraction by the same number you can make the fraction simpler.

This resource kindly contributed by Anne Carlill AECarlill@aol.com Park Lane College.
N2/E2.1 read, write & compare halves and quarters of quantities. **N2/E3.2** Recognise and use equivalent forms (e.g. 5/10 = 1/2).

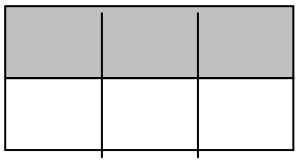
Name: _____

$\frac{1}{2}$



is the same as

$\frac{3}{6}$



You can divide the top and bottom of $\frac{3}{6}$ by 3.

$\frac{3}{6} \div 3 = \frac{1}{2}$

Now try these:

Equivalent fractions - Simplest form

Use the BBC Skillswise pizza activity to find the simplest form of these fractions and write the new fraction down next to each one.

http://www.bbc.co.uk/skillswise/numbers/fractiondecimalpercentage/fractions/introduction/flash3.shtml

1 $\frac{3}{9}$

2 $\frac{5}{10}$

3 $\frac{3}{6}$

4 $\frac{4}{8}$

5 $\frac{6}{9}$

6 $\frac{2}{8}$

7 $\frac{2}{6}$

8 $\frac{6}{10}$

9 $\frac{4}{6}$

10 $\frac{6}{8}$

Answers

Equivalent fractions - Simplest form

1 $\frac{1}{3}$

2 $\frac{1}{2}$

3 $\frac{1}{2}$

4 $\frac{1}{2}$

5 $\frac{2}{3}$

6 $\frac{1}{4}$

7 $\frac{1}{3}$

8 $\frac{3}{5}$

9 $\frac{2}{3}$

10 $\frac{3}{4}$