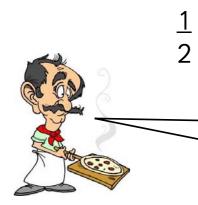
Ordering fractions

Maths worksheets from mathsblog.co.uk

Write these fractions in order of size, starting with the smallest:



<u>2</u>

<u>2</u> 3

There are several ways that fractions can be ordered. This method uses a common denominator (the same bottom number on each fraction).

Stage 1: decide what the denominator should be. This is a number which is a multiple of all the denominators shown. Try to find the smallest to make the working out easier.

8 is no good as 3 does not go into it exactly. 9, 10 and 11 don't work either, but 12 does! $2 \times 6 = 12$; $3 \times 4 = 12$, $4 \times 3 = 12$ and $6 \times 2 = 12$.

Stage 2: convert all the fractions so that they have a denominator of 12. You can do this by multiplying the top and bottom of the fraction by the same number.

Stage 3: now it is easy to see which is the smallest by looking at the top numbers (numerators) of the fractions you have converted into twelfths.

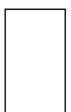
1/2 6/12

Ordering fractions

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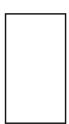


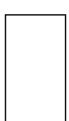
Write these sets of fractions in order of size, starting with the smallest.















3.

<u>3</u>









4. <u>3</u> 4

<u>3</u> 6





Ordering fractions

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Answers

1.

2.

3.

4.