



## Simplifying fractions - answers

Which of these fractions can be simplified? If they can be simplified, show how.

Are any of the fractions larger than one whole?

To simplify a fraction you need to find a number that divides into both top and bottom numbers without remainders.

1.  $\frac{3}{4}$   X

2.  $\frac{1}{5}$   X

3.  $\frac{2}{6}$    $\frac{1}{3}$  2 divides into 2 once and into 6 three times. So  $\frac{2}{6}$  **cancels down to**  $\frac{1}{3}$ .

4.  $\frac{6}{12}$    $\frac{1}{2}$  6 goes into 6 once and into 12 twice. So  $\frac{6}{12} = \frac{1}{2}$ .

5.  $\frac{5}{6}$   X

6.  $\frac{2}{4}$    $\frac{1}{2}$  2 divides into the top number once and into the bottom number twice. So  $\frac{2}{4} = \frac{1}{2}$ .

7.  $\frac{3}{4}$   X

8.  $\frac{4}{16}$    $\frac{1}{4}$  4 goes into 4 once and into 16 four times. So  $\frac{4}{16} = \frac{1}{4}$ .

9.  $\frac{2}{1}$   2 When the bottom number is 1 the fraction equals the number on top.  $\frac{2}{1} = 2$ , **which is larger than one whole.**

10.  $\frac{5}{15}$    $\frac{1}{3}$  5 divides into 5 once and goes into 15 three times. So  $\frac{5}{15} = \frac{1}{3}$ .