



## Eleven Plus Maths How To Do - Equivalent Fractions



$\frac{3}{4}$  shaded



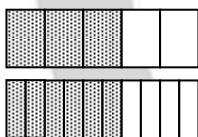
$\frac{6}{8}$  shaded

We can see that  $\frac{3}{4} = \frac{6}{8}$

We call these fractions equivalent fractions.



$\frac{1}{4} = \frac{2}{8}$



$\frac{3}{5} = \frac{6}{10}$

Equivalent fractions have the same value.

We can change  $\frac{3}{5}$  in to  $\frac{6}{10}$  by multiplying the numerator and denominator by 2.

$$\frac{3}{5} \times 2 = \frac{6}{10} \div 2 = \frac{3}{5} \quad \text{Here we have divided } \frac{6}{10} \text{ by 2 to give } \frac{3}{5}$$

$$\frac{1}{6} \times 3 = \frac{3}{18} \div 3 = \frac{1}{6}$$

$$\frac{2}{5} \times 4 = \frac{8}{20} \div 4 = \frac{2}{5}$$

