



Eleven Plus Maths How To Do - Equivalent Fractions



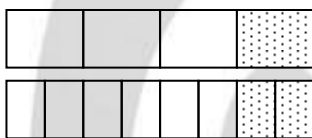
$\frac{3}{4}$ shaded



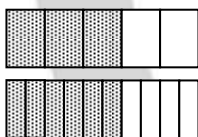
$\frac{6}{8}$ shaded

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.

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

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

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

