

Equivalent Fractions

Examples:

1. $\frac{4}{6} = \frac{8}{12}$

Diagram showing the conversion of $\frac{4}{6}$ to $\frac{8}{12}$ by multiplying both numerator and denominator by 2. Arrows labeled $\times 2$ point from 4 to 8 and from 6 to 12.

2. $\frac{2}{3} = \frac{10}{15}$

Diagram showing the conversion of $\frac{2}{3}$ to $\frac{10}{15}$ by multiplying both numerator and denominator by 5. Arrows labeled $\times 5$ point from 2 to 10 and from 3 to 15.

Find the missing values in the following equivalent fractions.
Show your working as demonstrated above.

$$\frac{\boxed{}}{11} = \frac{12}{44} \quad \frac{4}{5} = \frac{12}{\boxed{}} \quad \frac{6}{12} = \frac{24}{\boxed{}}$$

$$\frac{1}{5} = \frac{\boxed{}}{25} \quad \frac{3}{\boxed{}} = \frac{6}{24} \quad \frac{8}{\boxed{}} = \frac{16}{20}$$

$$\frac{2}{3} = \frac{8}{\boxed{}} \quad \frac{1}{\boxed{}} = \frac{2}{4} \quad \frac{\boxed{}}{3} = \frac{5}{15}$$

$$\frac{\boxed{}}{4} = \frac{8}{16} \quad \frac{7}{9} = \frac{14}{\boxed{}} \quad \frac{1}{2} = \frac{3}{\boxed{}}$$

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