

Equivalent fractions

by multiplying $\times$ by dividing $\div$

$$\frac{1}{2} = \frac{5}{10}$$

A diagram showing the conversion of the fraction $\frac{1}{2}$ to $\frac{5}{10}$. An arrow points from the numerator 1 to the numerator 5, labeled with $\times 5$. Another arrow points from the denominator 2 to the denominator 10, labeled with $\times 5$.

$$\frac{4}{20} = \frac{1}{5}$$

A diagram showing the conversion of the fraction $\frac{4}{20}$ to $\frac{1}{5}$. An arrow points from the numerator 4 to the numerator 1, labeled with $\div 4$. Another arrow points from the denominator 20 to the denominator 5, labeled with $\div 4$.

'numerator'
'denominator'

'improper fraction' $\frac{22}{8} = 2\frac{6}{8}$ 'mixed fraction'