

# Fractions, Decimals & Percents

Common conversions at a glance. Learn the method, then use this table to check yourself.

Fraction	Decimal	Percentage
$\frac{1}{2}$	0.5	50%
$\frac{1}{3}$	0.333...	33.3%
$\frac{2}{3}$	0.666...	66.7%
$\frac{1}{4}$	0.25	25%
$\frac{3}{4}$	0.75	75%
$\frac{1}{5}$	0.2	20%
$\frac{2}{5}$	0.4	40%
$\frac{3}{5}$	0.6	60%
$\frac{4}{5}$	0.8	80%
$\frac{1}{8}$	0.125	12.5%
$\frac{3}{8}$	0.375	37.5%
$\frac{5}{8}$	0.625	62.5%
$\frac{7}{8}$	0.875	87.5%
$\frac{1}{10}$	0.1	10%
$\frac{1}{6}$	0.166...	16.7%
$\frac{5}{6}$	0.833...	83.3%
$\frac{1}{20}$	0.05	5%
$\frac{1}{100}$	0.01	1%

## Key Rules

- **Fraction to Decimal:** Divide the numerator by the denominator
- **Decimal to Percentage:** Multiply by 100
- **Percentage to Fraction:** Put over 100, then simplify

Don't memorize this whole table. Learn the method, then use the table to check yourself until it becomes automatic.