

Fraction - Decimal - Percent Chart

Different forms can represent the same amount.

Fraction	Decimal	Percent
1/10	0.1	10%
1/8	0.125	12.5%
1/5	0.2	20%
1/4	0.25	25%
1/3	0.333...	33 1/3%
3/8	0.375	37.5%
2/5	0.4	40%
1/2	0.5	50%
3/5	0.6	60%
5/8	0.625	62.5%
2/3	0.666...	66 2/3%
3/4	0.75	75%
4/5	0.8	80%
7/8	0.875	87.5%
9/10	0.9	90%
1	1.0	100%

Follow the operation, then check whether the answer is reasonable.

Fraction to decimal

Divide numerator by denominator. Example: $\frac{3}{4}$ means 3 divided by 4, which equals 0.75.

Decimal to percent

Multiply by 100 and add the percent sign. Example: $0.75 \times 100 = 75\%$.

Percent to decimal

Divide by 100 and remove the percent sign. Example: 75% divided by 100 = 0.75.

Decimal to fraction

Use place value, then simplify. Example: $0.75 = \frac{75}{100}$. Divide numerator and denominator by 25 to get $\frac{3}{4}$.