

METRIC WEIGHT UNITS (MASS)

Standard SI Base Unit: Gram (g)

UNIT NAME	SYMBOL	GRAMS (G) EQUIVALENT	POWER OF 10
Teragram	Tg	1,000,000,000,000 g	10^{12}
Gigagram	Gg	1,000,000,000 g	10^9
Megagram (Metric Ton)	Mg (t)	1,000,000 g	10^6
Kilogram	kg	1,000 g	10^3
Hectogram	hg	100 g	10^2
Dekagram	dag	10 g	10^1
Gram	g	1 g	10^0
Decigram	dg	0.1 g	10^{-1}
Centigram	cg	0.01 g	10^{-2}

UNIT NAME	SYMBOL	GRAMS (G) EQUIVALENT	POWER OF 10
Milligram	mg	0.001 g	10^{-3}
Microgram	μg	0.000001 g	10^{-6}
Nanogram	ng	0.000000001 g	10^{-9}

Common Conversions

1 kg = 1,000 g

1 g = 1,000 mg

1 t = 1,000 kg

Quick Calculation

To larger unit: Divide by 10 per step

To smaller unit: Multiply by 10 per step