

METRIC PREFIXES

• LARGE

- MEGA (M) 1 M__ = 1 X 10⁶ _____
- KILO (K) 1 K__ = 1 X 10³ _____

• SMALL

- DECI 1 ____ = 1 X 10¹ d_____
- CENTI 1 ____ = 1 X 10² c_____
- MILLI 1 ____ = 1 X 10³ m_____
- MICRO 1 ____ = 1 X 10⁶ μ_____
- NANO 1 ____ = 1 X 10⁹ n_____
- PICO 1 ____ = 1 X 10¹² p_____

1

METRIC PREFIXES with m (distance)

MEGA (M)	1 Mm = 1 X 10 ⁶ m	1,000,000
KILO (K)	1 Km = 1 X 10 ³ m	1,000
	Base unit m	1
DECI	1m = 1 X 10 ¹ dm	10
CENTI	1m = 1 X 10 ² cm	100
MILLI	1m = 1 X 10 ³ mm	1,000
MICRO	1m = 1 X 10 ⁶ μm	1,000,000
NANO	1m = 1 X 10 ⁹ nm	1,000,000,000
PICO	1m = 1 X 10 ¹² pm	1,000,000,000,000

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METRIC PREFIXES with g (mass)

MEGA (M)	1 Mg = 1 X 10 ⁶ g	1,000,000
KILO (K)	1 Kg = 1 X 10 ³ g	1,000
	Base unit g	1
DECI	1g = 1 X 10 ¹ dg	10
CENTI	1g = 1 X 10 ² cg	100
MILLI	1g = 1 X 10 ³ mg	1,000
MICRO	1g = 1 X 10 ⁶ μg	1,000,000
NANO	1g = 1 X 10 ⁹ ng	1,000,000,000
PICO	1g = 1 X 10 ¹² pg	1,000,000,000,000

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METRIC PREFIXES with L (volume)

MEGA (M)	1 ML = 1 X 10 ⁶ L	1,000,000
KILO (K)	1 KL = 1 X 10 ³ L	1,000
	Base unit L	1
DECI	1L = 1 X 10 ¹ dL	10
CENTI	1L = 1 X 10 ² cL	100
MILLI	1L = 1 X 10 ³ mL	1,000
MICRO	1L = 1 X 10 ⁶ μL	1,000,000
NANO	1L = 1 X 10 ⁹ nL	1,000,000,000
PICO	1L = 1 X 10 ¹² pL	1,000,000,000,000

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