

Name _____

Date _____

Metric System Variables and Prefix Reference Chart

Common Metric System Variables

Variable	Abbreviation	Common Metric Unit
acceleration	a	meters per second ²
energy	W	joule
force	F	newton
length	l	meter
mass	m	gram
power	P	watt
pressure	P	pascal
time	T	seconds
velocity	v	meters per second

Prefix Reference for Metric Units

Prefix	Multiplier	Symbol	Example
Kilo-	1,000	k	Kilograms
Hecto-	100	h	Hectograms
Deca-	10	Da	Decagrams
Standard	1		Gram
Deci-	0.1	d	Decigram
Centi-	0.01	c	Centigrams
Milli-	0.001	m	Milligrams