

Exponential expression	Multiplication factor	Prefix	Symbol
$10^{18}$	1 000 000 000 000 000 000	exa	E
$10^{15}$	1 000 000 000 000 000	peta	P
$10^{12}$	1 000 000 000 000	tera	T
$10^9$	1 000 000 000	giga	G
$10^6$	1 000 000	mega	M
$10^3$	1 000	kilo	K
$10^2$	100	hecto*	h
$10^1$	10	deka*	da
$10^0$	1	BASE UNIT	
$10^{-1}$	0.1	deci*	d
$10^{-2}$	0.01	centi*	c
$10^{-3}$	0.001	milli	m
$10^{-6}$	0.000 001	micro	$\mu$
$10^{-9}$	0.000 000 001	nano	n
$10^{-12}$	0.000 000 000 001	pico	p
$10^{-15}$	0.000 000 000 000 001	femto	f
$10^{-18}$	0.000 000 000 000 000 001	atto	a

<b>From</b>	<i>Into</i>	<i>Into</i>	<i>Into</i>
<b>in<sup>2</sup></b>	<i>mm<sup>2</sup></i> x 654.16	<i>ft<sup>2</sup></i> x 0.00694	<i>m<sup>2</sup></i> x 0.000654
<b>mm<sup>2</sup></b>	<i>in<sup>2</sup></i> x 0.00155	<i>ft<sup>2</sup></i> x (1.076x 10 <sup>-5</sup> )	<i>m<sup>2</sup></i> x (1x 10 <sup>-6</sup> )
<b>ft<sup>2</sup></b>	<i>m<sup>2</sup></i> x 0.09289	<i>in<sup>2</sup></i> x 144	<i>mm<sup>2</sup></i> x (9.290x 10 <sup>4</sup> )
<b>m<sup>2</sup></b>	<i>ft<sup>2</sup></i> x 10.7639	<i>mm<sup>2</sup></i> x (1x 10 <sup>6</sup> )	<i>in<sup>2</sup></i> x 1550.003
<b>Weight</b>			
<b>Pound</b>	<i>Ounce</i> x 16	<i>Troy ounce</i> x 14.583	<i>kg</i> x 0.45
<b>Troy ounce</b>	<i>Pound</i> x .06857	<i>Ounce</i> x 13.166	<i>Grams</i> x 28.349
<b>Grams</b>	<i>Kilograms (kg)</i> x 0.001	<i>Ounce</i> x 0.03527	<i>Pound</i> x 0.0022
<b>Length</b>			
<b>in</b>	<i>mm</i> x 25.40	<i>ft</i> x 0.08333	
<b>mm</b>	<i>in</i> x 0.03937	<i>ft</i> x 0.003281	
<b>Gas flow</b>			
<b>ft<sup>3</sup>/hr</b>	<i>L/min</i> x 0.472		
<b>Impact</b>			
<b>ft/lbs</b>	<i>Joules</i> x 1.356		
<b>Pressure gas &amp; liquids</b>			
<b>psi</b>	<i>kPa</i> x 6.895		
<b>kPa</b>	<i>psi</i> x 0.1450		
<b>Pressure in stress</b>			
<b>psi</b>	<i>MPa</i> x 0.006895		
<b>MPa</b>	<i>psi</i> x 145.0		
<b>Speed</b>			
<b>in/min</b>	<i>mm/s</i> x 0.423		
<b>mm/s</b>	<i>in/min</i> x 2.36		

**Liquid Fluid**

1 gallon = 128 ounces or 8 pints or 4 quarts  
1 gallon = 3.7853 liters  
1 quart = 32 ounces or 2 pints or 0.25 gallons  
1 pint = 16 ounces or 0.5 quarts  
1 Ounce = 29.573 ml