

Mathematical symbols

SYMBOL	EXAMPLE	MEANING
.	8.5689	eight <i>point</i> five six eight nine
+	$R_1 + R_2$	R one <i>plus</i> R two
−	$V - V_1$	V <i>minus</i> V one
±	$\pm 3\text{m}$	<i>plus or minus</i> 3 metres
=	$R = R_1 + R_2$	R <i>equals</i> / <i>is equal to</i> R one plus R two
≠	$V \neq V_1 + V_2$	V <i>doesn't equal</i> / <i>is not equal to</i> V one plus V two
≈ or ≅	$I \approx 28\text{ mA}$	I is <i>approximately equal to</i> twenty eight milliamps
×	$f \times 120$	F <i>times</i> / <i>multiplied by</i> one hundred and twenty
no sign between two quantities	$E = IR$	E <i>equals</i> I <i>times</i> / <i>multiplied by</i> R
one quantity over another	$\frac{I}{R}$	I <i>over</i> / <i>divided by</i> R The <i>ratio of</i> I to R
÷	$36 \div 5 = 7.2$	thirty six <i>divided by</i> five equals seven point two
∝	$I \propto V$	I <i>is proportional to</i> V
:	11:1	(<i>a ratio of</i>) eleven to one
%	25%	twenty-five <i>per cent</i>
°	30°C	thirty <i>degrees</i> celsius
√	√5	<i>the square root of</i> / <i>root of</i> five
²	R^2	R <i>squared</i>
³	X^3	X <i>cubed</i>
⁴	10^4	ten <i>to the power four</i>
⁻⁸	10^{-8}	ten <i>to the power minus eight</i>
>	>10 dB	<i>greater than</i> ten decibels
<	<25 mA	<i>less than</i> twenty-five milliamps
≧	≧5W	<i>greater than or equal to</i> five watts
≦	≦10W	<i>less than or equal to</i> ten watts