



Table of Symbols

Symbol	Meaning	Page
4^3	$4 \cdot 4 \cdot 4$	5
$3 \cdot x$ $3(x)$ $3x$	3 times x	5, 7
$=$	equals, is equal to	5, 257
$\frac{14}{2}$	14 divided by 2	6
$()$	parentheses—a grouping symbol	6
$[\]$	brackets—a grouping symbol	6
-3	negative 3	12
\dots	continues on	12, 113
$ a $	the absolute value of a number a	13
-3	the opposite of 3	14
\approx	is approximately equal to	53
26.10	decimal point	113
$1.1\overline{6}$	repeating decimal 1.16666...	113
$\%$	percent	150
\sqrt{a}	the positive square root of a number a where $a \geq 0$	213
$\stackrel{?}{=}$	is equal to?	257
\neq	is not equal to	257
$a:b, \frac{a}{b}$	ratio of a to b	277, 732
(x, y)	ordered pair	315, 734
$<$	is less than	354
$>$	is greater than	354

Symbol	Meaning	Page
\leq	is less than or equal to	354
\geq	is greater than or equal to	354
\nlessgtr	is not less than or equal to	354
\overline{AB}	line segment AB	454
AB	the length of \overline{AB}	454
\cong	is congruent to	454, 516
\overleftrightarrow{AB}	line AB	455
\overrightarrow{AB}	ray AB	455
	right angle	455
$\angle A$	angle with vertex A	455
$m\angle B$	the measure of angle B	455
$^\circ$	degree(s)	456
\pm	plus or minus	471
	parallel lines	478
a_1	a sub 1	481
π	pi—an irrational number approximately equal to 3.14	489
$\triangle ABC$	triangle with vertices $A, B,$ and C	516
\sim	is similar to	517
A'	the image of point A	523
\rightarrow	maps to	523