

Translating Verbal Expressions

There is one very special word, the verb *is* and all of its forms: is, was, were, has, have, and had. This word in all of its forms represents an equal sign

Addition

Added to	8 added to a number	$x+8$
(the sum of)	The sum of b and 4	$b+4$
(The total of)	The total of 11 and x	$11+x$
Increased by	n increased by 5	$n+5$
Plus	-3 plus a number	$-3+x$
More than	-10 more than y	$y+-10$

Subtraction

Subtracted from	A number subtracted from 12	$12-x$
(the difference between)	The difference between c and 6	$c-6$
Less	A number less 9	$x-9$
Decreased by	17 decreased by a number	$17-x$
Minus	w minus 3	$w-3$
Less than	M less than 6	$6-m$

Multiplication

Times	8 times a number	$8x$
The product of	The product of 3 and a number	$3x$
Multiplied by	5 multiplied by a number	$5x$
Of	15% of selling price	$.15x$
Twice	Twice a number	$2x$
Each	2 gallon each day for a week	$2(7)$
The square of	The square of a number	x^2
The cube of	The cube of w	w^3

Division

Divided by	A number divided by 7	$\frac{x}{7}$
The quotient of	The quotient of x and 8	$\frac{x}{8}$
The ratio of	The ration of 5 to 11	$\frac{5}{11}$