

**Translating English Words into
Algebraic Expressions**

English Words	Expression
Ten more than x	$x + 10$
A number added to 5	$5 + x$
A number increased by 13	$x + 13$
5 less than 10	$10 - 5$
A number decreased by 7	$x - 7$
Difference between x and 3	$x - 3$
Difference between 3 and x	$3 - x$
Twice a number	$2x$
Ten percent of x	$10x$
Ten times x	$10x$
Quotient of x and 3	$x/3$
Quotient of 3 and x	$3/x$
Five is three more than a number	$5 = x + 3$
The product of two times a number is 10	$2x = 10$
One half a number is 10	$x/2 = 10$
Five times the sum of x and 2	$5(x + 2)$
Seven is greater than x	$7 > x$
Five times the difference of a number and 4	$5(x - 4)$
Ten subtracted from 10 times a number is that number plus 5	$10x - 10 = x + 5$
The sum of $5x$ and 10 is equal to the product of x and 12	$5x + 10 = 12x$
The sum of two consecutive integers	$(x) + (x + 1)$
The sum of two consecutive even integers	$(x) + (x + 2)$
The sum of two consecutive odd integers	$(x) + (x + 2)$

English Term	Math Operation	English Term	Math Operation
SUM ADDITION PLUS MORE THAN INCREASED IN EXCESS GREATER	+	PER DIVIDE QUOTIENT	/
		QUANTITY	()
		IS WAS EQUAL WILL BE RESULTS	=
DIFFERENCE LESS THAN SUBTRACT MINUS DECREASED BY REDUCE TAKE AWAY DIMINISHED	-	IS GREATER THAN	>
		IS GREATER THAN OR EQUAL TO	≥
		IS LESS THAN	<
TIMES PERCENT PRODUCT OF	X	IS LESS THAN OR EQUAL TO	≤