

ALGEBRAIC TRANSLATIONS

TRANSLATING ENGLISH TERMS INTO ALGEBRAIC SYMBOLS		TRANSLATION ENGLISH WORDS INTO ALGEBRAIC EXPRESSIONS	
		English Words	Algebra Expressions
Sum	+	Ten more than x	$x + 10$
Add	+	A number added to 5	$5 + x$
In addition	+	A number increased by 13	$x + 13$
More than	+	5 less than 10	$10 - 5$
Increased	+	A number decreased by 7	$x - 7$
In Excess	+	Difference between x and 3	$x - 3$
Greater	+	Difference between 3 and x	$3 - x$
Decreased by	-	Twice a number	$2x$
Less than	-	Ten percent of x	$.10x$
Subtract	-	Ten times x	$10x$
Difference	-	Quotient of x and 3	$x/3$
Diminished	-	Quotient of 3 and x	$3/x$
Reduce	-	Five is three more than a number	$5=x+3$
Remainder	-	The product of two times a number is 10	$2x=10$
Times as much	$\times$	One half a number is 10	$x/2=10$
Percent of	$\times$	Five times the sum of x and 2	$5(x+2)$
Product	$\times$	Seven is greater than x	$7 > x$
Interest on	$\times$	Five times the difference of a number and 4	$5(x-4)$
Per	/	Ten subtracted from 10 times a number is that number plus 5	$10x-10=x+5$
Divide	/		
Quotient	/	The sum of 5x and 10 is equal to the product of x and 15	$5x+10=15x$
Quantity	( )		
Is	=	The sum of two consecutive integers	$(x)+(x+1)$
Was	=	The sum of two consecutive even integers	$(x)+(x+2)$
Equal	=	The sum of two consecutive odd integers	$(x)+(x+2)$
Will be	=		
Results	=		
Greater than	>		
Greater than or equal to	$\geq$		
Less than	<		
Less than or equal to	$\leq$		