

A large red square with a white border, centered on a white background. Inside the square, the text "Algebraic Word Problems" is written in white.

Algebraic Word Problems

English to Math

Mathematics	English Equivalent
+	plus, add, increase, greater than, larger
-	subtract, minus, negative, decrease, less than, reduce, diminish
x	times, of, multiply
÷	divided, goes into, a certain number of, parts
=	equal, equal to, is, results in, gives you, makes
letters (x, a, b, c, d, e etc)	a number, an age, a quantity, a mass, a volume, a certain amount etc

English to Math

Mathematics	English Equivalent
$3y$	three times a number, a number tripled
$x + 2$	a number increased by two, two larger than a number etc
$z - 5$	a number decreased by five, five less than a number, a number reduced by five etc
$4x + 3 = 8$	Four times a number plus three equals eight
$(x)(x)$	a number times itself, a number squared