

TRANSLATING FROM WORDS TO MATHEMATICAL EXPRESSIONS

<i>Verbal Expression</i>	<i>Mathematical Expression (where x and y are numbers)</i>
Addition	
The sum of a number and 7	$x + 7$
6 more than a number	$x + 6$
3 plus a number	$3 + x$
24 added to a number	$x + 24$
A number increased by 5	$x + 5$
The sum of two numbers	$x + y$
Subtraction	
2 less than a number	$x - 2$
2 less a number	$2 - x$
12 minus a number	$12 - x$
A number decreased by 12	$x - 12$
A number subtracted from 10	$10 - x$
From a number, subtract 10	$x - 10$
The difference between two numbers	$x - y$
Multiplication	
16 times a number	$16x$
A number multiplied by 6	$6x$
$\frac{2}{3}$ of a number (used with fractions and percent)	$\frac{2}{3}x$
$\frac{3}{4}$ as much as a number	$\frac{3}{4}x$
Twice (2 times) a number	$2x$
The product of two numbers	xy
Division	
The quotient of 8 and a number	$\frac{8}{x} (x \neq 0)$
A number divided by 13	$\frac{x}{13}$
The ratio of two numbers or the quotient of two numbers	$\frac{x}{y} (y \neq 0)$