PHRASES MEANING ADDITION Phrase Translation "the sum of 3 and a number" "the total of a number and 50" "8 more than a number" "a number increased by 22" "a number plus 10" "one number added to another" x + y

PHRASES MEANING SUBTRACTION					
Phrase	- Translation		*		
"4 subtracted from a number"	x-4	:	•	٠.	
"the difference of 4 and a number	4-x				
"4 decreased by a number"	4-x	:			
"4 less than a number"	x-4				
"4 fewer than a number"	x-4				
"4 minus a number"	4-x				
"4 reduced by a number"	4-x			•	
"4 less a number"	4-x				

PHRASES MEANING MULTIPLICATION	
Phrase	Translation
"a number multiplied by 5"	$5 \cdot x$ or simply $5x$
(We usually write variable factors last, so we write 5x rath	er than x5.)
"the product of 3 and a number"	3x
"one number times another"	· xry
" $\frac{2}{3}$ of a number"	$\frac{2}{3}x$
Special multiplication phrases	
"twice a number"	2x
"double a number," "a number doubled"	2x
"triple a number," "a number tripled"	3 <i>x</i>

PHRASES MEANING DIVISION	
Phrase	Translation
"a number divided by 8"	$x \div 8 \text{ or } \frac{x}{8}$
"the quotient of a number and 8"	$x \div 8 \text{ or } \frac{x}{8}$
"the ratio of a number to 8"	$x \div 8 \text{ or } \frac{x}{8}$
"a number divided into 8"	$x)8$ or $8 \div x$
Special division phrase	
"the reciprocal of a number"	$\frac{1}{x}$

KEY VERBS AND VERB PHRASES MEANING "EQUALS" Phrase Translation = Translation = "equals" or "is equal to" = = "gives" or "gives us" = = "gives a result of" or "results in" = "leaves us" or "leaves" or "left" = "is the same as" = = = "

ase	Translation	
"the square of a number"		
"the cube of a number"	₆₀ %	;
'a number raised to the fourth power"	4×	
"the sixth power of a number"	°×	
"The square root of a number"	×	