

**Variable:** a \_\_\_\_\_ representing an unknown value

$$\square + 3 = 8$$



$$x + 3 = 8$$

**Expression:** a mathematical \_\_\_\_\_;  
NO \_\_\_\_\_ sign

• \_\_\_\_\_: words  (the product of 8 and 6)

• \_\_\_\_\_: numbers  (14)  $(3+2)^2 - 16$

• \_\_\_\_\_: variables  (z)  $5y + 4$   
 (x+1) (y-2)

What words or phrases indicate the following mathematical operations?

Addition	Subtraction	Multiplication	Division
( ____ and ____ )	( ____ and ____ )	( ____ and ____ )	( ____ and ____ )
plus	minus	times	divided by
increased by	decreased by	multiplied by	into
altogether	less "3 less x" $3 - x$	of	each
more than	less than "3 less than x" $x - 3$		

Translate each expression into another form.

4 less than the product  
of y and z

the sum of a and b less 7

$6 - 9w$

  $\cdot 6$

9

w

  $\cdot 6$

the

of 9 and w

  $\cdot$  the

of 6 and the

of 9 and w



**QUESTIONS I NEED TO ASK  
IN CLASS:**