



**Simplifying Expressions** involves finding an equivalent expression that is simplified compared to the original. To simplify an expression, you must first combine like terms.

$$3x + 2y - 4 + 2x - y + 7$$



touch  
to combine  
like terms




Carly has  $x$  chocolate brownies. She gives 5 of them to her sister. **WELL DONE!** How many chocolate brownies Carly has left?



(touch the image to enlarge)

$x + 5$

$5 - x$

  
 $x - 5$

$x$  represents the number of chocolate brownies Carly starts with. 5 represents the number of chocolate brownies she gives away. Therefore,  $x - 5 =$  the number of chocolate brownies Carly would have left.





Touch the algebraic expression that represents the following verbal expressions.

**Forty-four times a number.**

a)  $44 + x$

 b)  $44x$

c)  $x - 44$



1/15

