

## Writing and Evaluating Algebraic Expressions

Evaluate each expression through substitution and show your work.

Also provide a word interpretation for each equation

1)  $16 - x$  at  $x = 5$

2)  $3(n)$  at  $n = 7$

3)  $n + 6$  at  $n = 3$

4)  $5 + k$  at  $k = 12$

5)  $w - 5$  at  $w = 3$

6)  $t - 9$  at  $t = 16$

7)  $4/m + 1$  at  $m = 2$

8)  $y/5 - 2$  at  $y = 15$

9)  $5(x) + 7$  at  $x = 6$

10)  $6(x) - 3$  at  $x = 4$

11)  $14/b + 3$  at  $b = 2$

12)  $8(x) - 3$  at  $x = 4$

### Extending Questions

13)  $(33/x)(2)$  at  $x = 3$

14)  $90/x + 6$  at  $x = 3$

15)  $4(x)/3 + 28$  at  $x = 3$