

## Unit 1 Worksheet 8 - Evaluating Variable Expressions Date \_\_\_\_\_ Period \_\_\_\_\_

© 2011 Kuta Software LLC. All rights reserved.

**Evaluate each using the values given.**

1)  $5pr$ ; use  $p = 4$ , and  $r = -2$

2)  $b + c + a$ ; use  $a = 2$ ,  $b = 3$ , and  $c = 4$

3)  $c^2b$ ; use  $b = 3$ , and  $c = -4$

4)  $x - (z - z)$ ; use  $x = -3$ , and  $z = -4$

5)  $(m)(q^2)$ ; use  $m = -3$ , and  $q = -3$

6)  $zy + z$ ; use  $y = -5$ , and  $z = -5$

7)  $x + (x)(y + y)$ ; use  $x = -2$ , and  $y = -2$

8)  $z - (x^2 + x)$ ; use  $x = -4$ , and  $z = -4$

9)  $(-4n + p) \div 3$ ; use  $n = -6$ , and  $p = -3$

10)  $p + p - m^2$ ; use  $m = -4$ , and  $p = -6$

11)  $a^2 - (5c - c)$ ; use  $a = -3$ , and  $c = 3$

12)  $8 - k - (2 + j)$ ; use  $j = 1$ , and  $k = -6$

13)  $a^2 - b^2$ ; use  $a = 5$  and  $b = -4$

14)  $a^2 - b^2$ ; use  $a = -7$  and  $b = -5$