Real Numbers & Alg. Expressions Quiz #1

Beginning and Intermediate Algebra Combined / MATH 101 - Fall 2014 – 504 (Prof. Miller)

Student Name/ID:

Instructor Note:
Directions: Every problem is worth two points. One point is for trying the problem and showing your work and one point is for getting the correct answer. There are an additional five points for demonstrating the study strategy that is posted on the board and talked about at the beginning of class.

1. Subtract.

$1-5 =$ ☐

$-3-8 =$ ☐

2. Subtract.

$9-(-5) =$ ☐

$-3-(-1) =$ ☐

3. Evaluate the expression when $c = -6$

c^2+7c+4

4. What number is equal to $\sqrt{9}$?

5. Evaluate the expression when $c = 5$ and $y = -6$

$$-c+9y$$

6. Simplify.

$$3x-6x$$

7. Evaluate the following.

$$|15|-|10-9|$$

8. Evaluate $-12-(-18)\div 6$

9. Evaluate.

$$(-9)^2 = \square$$
$$(-4)^3 = \square$$

10. Use the distributive property to remove the parentheses.

$$-5(-y-4w+3)$$

11. Subtract.

$-39-35 = \square$

$5-(-6) = \square$

12. Simplify.

$4(w-3)-8w$

13. Evaluate.

$\left(1-2^3\right)^2+5\cdot 4$

14. Evaluate.

$2(-4)(-1)(-4)$

15. Evaluate the following.

$45\div(-5) = \square$

$-6\times(-5) = \square$

Real Numbers & Alg. Expressions Quiz #1 Answers for class Beginning and Intermediate Algebra Combined / MATH 101 - Fall 2014 – 504

1. $1-5=-4$

$-3-8=-11$

2. $9-(-5)=14$

$-3-(-1)=-2$

3. -2

4. 3

5. -59

6. $-3x$

7. 14

8. -9

9. $(-9)^2=81$

$(-4)^3=-64$

10. $5y+20w-15$

11. $-39-35=-74$

$5-(-6)=11$

12. $-4w-12$

13. 69

14. -32

15. $45\div(-5)=-9$

$-6\times(-5)=30$