

Name: _____

Ms. Napolitano

Date: _____

CCSS: _____

Homework W4_4 Evaluating Algebraic Expressions

Ex #1

$$5(2 + 3) - 6$$

- a. 19
- b. 7
- c. 3
- d. 12

Ex #2

$$10 - 3 \cdot 10 + 4^3 \text{ is:}$$

- a. 134
- b. 84
- c. 44
- d. -8

Ex #3

State the variable(s), constant(s), coefficient(s), and the number of terms.

$$c - 10x^2 + 11$$

Variables: _____

Coefficients _____

Constants _____

Terms _____

Ex #4

Evaluate

$$p^2 + m; \text{ use } m = 1, \text{ and } p = 5$$

Ex #5

Evaluate

$$zy + 4y; \text{ use } y = 5, \text{ and } z = 2$$

Answer: _____

Ex #6

Evaluate $x^2 + (y^2 - 4z)$ when $x=9$ $y=8$ and $z = 9$

Answer: _____

Ex #7

$$\text{If } a = 4, \text{ then } 4a + 5 =$$

- a. 9 b. 21 c. 13 d. 24

Ex #8

Evaluate $4(y + 11c) - 5x$ when $y = 8$, $c = 3$, and $x = 13$

Answer: _____