

Name: \_\_\_\_\_

Ms. Napolitano

Date: \_\_\_\_\_

CCSS: \_\_\_\_\_

## **Homework** Day 5 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

$$\text{Evaluate } x^2 + (y^2 - 4z) \text{ when } x=9, y=8 \text{ and } z = 9$$

Answer: \_\_\_\_\_

Ex #7

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

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

Ex #8

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

Answer: \_\_\_\_\_