

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

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

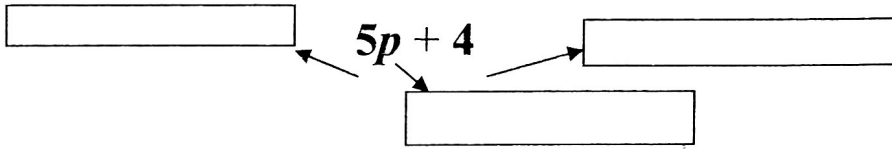
Ms. Frost

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

**W2 D1 Identifying Terms, constants, coefficients, variables, and exponents.**

**Independent Practice:** Answer the following questions below independently.

**Example #1:** Fill in the blank boxes the correct academic vocabulary.



**Directions:** For the examples below state the number of terms and list the coefficients, variables, and constants.

Example #3	Example #4	Example #5
$5p + 4$	$7w + w^3$	$9k^4 + 8k - 11$
Number of terms:	Number of terms:	Number of terms:
List the terms:	List the terms:	List the terms:
Coefficients:	Coefficients:	Coefficients:
Variables :	Variables :	Variables :
Constants :	Constants :	Constants :

**Example #6:** Determine the sum of each of the examples coefficients. Which algebraic expression has the greatest value the sum of coefficients?

Example #3	Example #4	Example #5
$5p + 4$	$7w + w^3$	$9k^4 + 8k - 11$
Sum:	Sum:	Sum:

The *algebraic expression* \_\_\_\_\_ has the greatest sum of coefficients.

**Example #7:** Write each expression using exponents

$m \cdot m \cdot m \cdot m$ Answer: _____	$f \cdot g \cdot g \cdot g$ Answer: _____	$x \cdot x \cdot x \cdot x \cdot x$ Answer: _____
$9 \cdot k \cdot k \cdot k \cdot k \cdot k$ Answer: _____	$7 \cdot d \cdot d \cdot d$ Answer: _____	$7.4 \cdot x \cdot x \cdot y \cdot y$ Answer: _____

**Example #7:** Answer the following questions from your textbook. Show all of your work in your classwork section of your binder.

Level A- Textbook pages 115-116 #s 8-14, 16-22

Level B- Textbook pages 115-116 #s 1, 8-14, 16-23

Level C- Textbook pages 115-116 #s 1, 8-24