Anatomy of and Expression

Name:_____ Class Period:_____

Standard 2b: Identify parts of an expression using mathematical terms and view parts of an expression as a single entity.

Vital Vocab

While completing the example column, use this expression to identify words:

$$y^2 + 8y + 2x - 6$$

Word	Meaning	Example
Variable	A letter that represents a number or range of numbers	
Term	A number, variable, or product of numbers and variables	
Coefficient	A number multiplied by a variable in an algebraic expression	
Constant	A term with no variable	
Sum	The number you get by adding two or more numbers together	
Difference	The number left after one number is subtracted from another number.	
Product	A number that is the result of multiplication	
Quotient	A number that is the result of division	
Factor	Noun: A number that is multiplied by another number Verb: to write a number as a product of factors	

$7 + 5c$

Terms: _____

Coefficients: _____

Variables: _____

Constants: _____

$5x^2 - 6p + 14$

Terms: _____

Coefficients: _____

Variables: _____

Constants: _____

$4 + x^2$

Terms: _____

Coefficients: _____

Variables: _____

Constants: _____

What is the coefficient with x^2? _____

$h - v$

Terms: _____

Coefficients: _____

Variables: _____

Constants: _____

Write an expression that has 2 terms and a product: _____

Write an expression that has a coefficient of 5 and two different variables: _____

Write an expression that has a difference, 1 variable, two constants, and a sum: _____