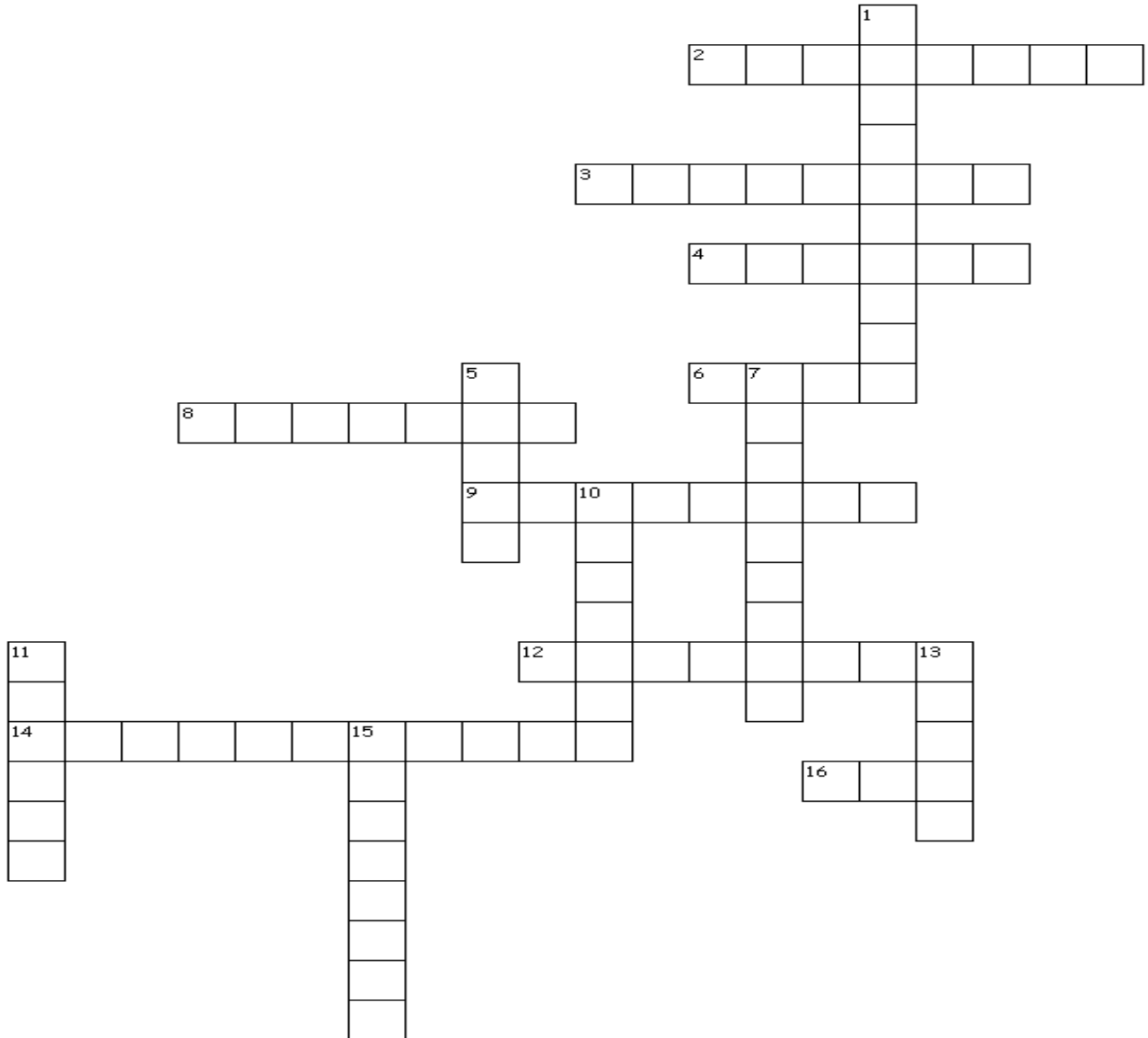Name: _____   Date: _____

Ms. Napolitano   CCSS:_____

W2 D1_ Homework_ Identifying Terms, constants, coefficients, variables, and exponents.

Expressions Vocabulary

Across
2. a symbol that represents a number
3. the number being divided
4. a number being added in an addition problem
6.
8. the number another number is being divided by
9. The number that indicates the number of times the base is used as a factor
12. the answer to a division problem
14. numerical factor of a term
16. the answer to an addition problem

Down
1. the answer to a subtraction problem
5. a product of repeated factors
7. an expression that may contain numbers, operations, and one or more symbols
10. the answer to a multiplication problem
11. a number that is being multiplied
13. parts of an algebraic expression
15. a term without a variable

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

1. $\frac{a}{4} + \frac{1}{4}$	2. 4c-10	3. 4t +6v^2	4. 15x+4-x^2
Number of terms:	Number of terms:	Number of terms:	Number of terms:
List the terms:	List the terms:	List the terms:	List the terms:
Coefficients:	Coefficients:	Coefficients:	Coefficients:
Variables :	Variables :	Variables :	Variables :
Constants :	Constants :	Constants :	Constants :
5. (3q) + 7q^2	6. 12y + (20÷4)	7. 64q + (20 + q)	8. 9b- 4a + c
Number of terms:	Number of terms:	Number of terms:	Number of terms:
List the terms:	List the terms:	List the terms:	List the terms:
Coefficients:	Coefficients:	Coefficients:	Coefficients:
Variables :	Variables :	Variables :	Variables :
Constants :	Constants :	Constants :	Constants :
9. 10x+ 5y	10. 2^3+ 4p	11. X - 5	12. a^2-6a+ 75 + 8t
Number of terms:	Number of terms:	Number of terms:	Number of terms:
List the terms:	List the terms:	List the terms:	List the terms:
Coefficients:	Coefficients:	Coefficients:	Coefficients:
Variables :	Variables :	Variables :	Variables :
Constants :	Constants :	Constants :	Constants :
13. 2^2+ C	14. 9b - a + $\frac{c}{7}$	15. 6.4w +18.01	16. 3r^2 +4r +8
Number of terms:	Number of terms:	Number of terms:	Number of terms:
List the terms:	List the terms:	List the terms:	List the terms:
Coefficients:	Coefficients:	Coefficients:	Coefficients:
Variables :	Variables :	Variables :	Variables :
Constants :	Constants :	Constants :	Constants :