Name **Key** Class_____

Combining Like Terms Vocabulary

Identify the number of terms, constants, and like terms in each of the expressions below.

Expression	Number of Terms	Constants	LIKE TERMS (organized)
$4t + 6 - 8c + t - 5$	5	$6 +{-5} = 1$	$4t + t = 5t +5$ $-8c$ $-8c$
$-2c + 2x - t$	3	0	$-2c$ $-2c$ $2x$ $2x$ $-t$ $-t$
$m^2 + 2mt + m - 3m + .1 + mt$	6	$+1$	m^2 m^2 $2mt + mt = 3mt$ $m - 3m$ $-2m + 1$
$3 + 9p - 4c - 8p + c - 12$	6	$3 +{-12} = -9$	$9p +{-8p}$ $1p$ $-4c + c$ $-3c$ -9
$5mk + 4m + 16 + 11mk + k - 12$	6	$16 +{-12} = 4$	$5mk + 11mk =$ $16mk$ $4m$ $4m$ k k $+4$

Summary activity:

Which terms are like terms?   (Not all terms will be used)

A.

Circle all terms that can be combined with 3a.	Draw a square around all terms that can be combined with 4b.	Underline all terms that can be combined with a^2	Highlight all terms that can be combined with 5.

1. (14a)

2. 5ab

3. [3b]

4. $\underline{\underline{3a^2}}$

5. $4b^2$

6. [16b]

7. 100

8. 14ab

9. $5a^3$

10. (4a)

11. 17

12. $\underline{\underline{73a^2}}$