Name: _____   Date:_____

Combining Like Terms: Notes

Vocabulary:

- _____: a number by itself

  o Ex:

- _____: a number in front of

  a variable (being multiplied by a variable)

  o Ex:

- _____: a letter that

  represents an unknown number

  o Ex:

- _____: the number "on top"

  of the variable, also known as the power

  o Ex:

- _____: rewrite an expression

  as simply as possible (lowest terms).

  o Ex:

- _____ _____: terms with

  the same variable and exponent.

  o Ex:

Step 1: Organize your terms.

- Draw _____ around like terms.

- Or, _____ like terms using the same _____.

Step 2: Combine the _____ of the like terms. Keep the _____ and

_____ the same.

Ex 1:   5 apples + 1 banana + 2 apples + 6 bananas

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Step 2:

Ex 4: 10w + 4 + 2w + x + 8x

Ex 2: 3x + 5 + 2x

Ex 5: 4r + (-5s) + (-3) + (-2r) + 14 + 7s

Ex 3: 9 + 8x + 5x + 1

Ex 6: 3x + 2x^2 + 4x + 2x^2 + 1