**2-3 SIMPLIFYING VARIABLE EXPRESSIONS**

**Term: a number, variable or the product of a number and variable (separated by + or – signs)**

**Constant: a term that has no variable**

**Like terms: identical variables**

**Coefficient: numerical facts of a term**

**7a = 4a = 3b – 6**

**Subtraction is adding the opposite.**

**Identify property of multiplication.**

**5x – 3y = z – 2 Coefficients: 5, -3, 1**

**5x = -3y = 1z = -2 Constant: -2**

**Like terms: none**

**Name the coefficients, like terms and constants.**

**3m – 2n = n – 4 \_\_\_\_\_\_\_\_\_\_\_: 3, -2, 1, -4**

**like terms: -2n, n**

**constant: -4**

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**EX: 2x + 4 + 3x like terms**

**add their coefficients**

**5x + 4**

**3a + 2 + 4a – 1 like terms**

**7a + 1 add their coefficients**

**add the constants**

**5y + y = 6y**

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