Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_

**3.1A HW**

*Match the vocabulary to the correct definition. Write the answer in the blank on the left side.*

|  |  |  |
| --- | --- | --- |
| \_\_\_\_\_ | 1. Algebraic Expression | 1. Each part of an expression separated by an operation |
| \_\_\_\_\_ | 1. Coefficient | 1. A number that stands by itself |
| \_\_\_\_\_ | 1. Constant | 1. A number that does not stand by itself. It is attached to the variable. |
| \_\_\_\_\_ | 1. Term | 1. A letter that stands for a particular numerical value |
| \_\_\_\_\_ | 1. Variable | 1. A number sentence without an equal sign, has at least one two terms and one operation |

*Identify each part of the algebraic expression as the coefficient, constant, or variable.*

|  |  |
| --- | --- |
| * + - 1. 4x – 12   4:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  x: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  -12: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   * + - 1. a + 3b   a: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  3: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  b: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   * + - 1. 6y   6: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  y: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   * + - 1. 2.4k + 1.5 – m – 3 + n – 7.3p   Terms: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Variables: \_\_\_\_\_\_\_\_\_\_\_\_  Coefficients: \_\_\_\_\_\_\_\_\_\_  Constants: \_\_\_\_\_\_\_\_\_\_\_\_   * + - 1. -8 – 4c +7 – c – 12c – 2.4   Terms: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Variables: \_\_\_\_\_\_\_\_\_\_\_\_  Coefficients: \_\_\_\_\_\_\_\_\_\_  Constants: \_\_\_\_\_\_\_\_\_\_\_\_   * + - 1. 2k + 1.5 – m – 3 + n – 7p   Terms: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Variables: \_\_\_\_\_\_\_\_\_\_\_\_  Coefficients: \_\_\_\_\_\_\_\_\_\_  Constants: \_\_\_\_\_\_\_\_\_\_\_\_ | * + - 1. 3+ 7x + 3x + x   Terms: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Variables: \_\_\_\_\_\_\_\_\_\_\_\_  Coefficients: \_\_\_\_\_\_\_\_\_\_  Constants: \_\_\_\_\_\_\_\_\_\_\_\_  Terms: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Variables: \_\_\_\_\_\_\_\_\_\_\_\_  Coefficients: \_\_\_\_\_\_\_\_\_\_  Constants: \_\_\_\_\_\_\_\_\_\_\_\_  Terms: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Variables: \_\_\_\_\_\_\_\_\_\_\_\_  Coefficients: \_\_\_\_\_\_\_\_\_\_  Constants: \_\_\_\_\_\_\_\_\_\_\_\_  Terms: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Variables: \_\_\_\_\_\_\_\_\_\_\_\_  Coefficients: \_\_\_\_\_\_\_\_\_\_  Constants: \_\_\_\_\_\_\_\_\_\_\_\_  Terms: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Variables: \_\_\_\_\_\_\_\_\_\_\_\_  Coefficients: \_\_\_\_\_\_\_\_\_\_  Constants: \_\_\_\_\_\_\_\_\_\_\_\_ |