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: \_\_\_\_\_\_\_\_\_\_\_\_* + - 1. $t+8+3t$

Terms: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Variables: \_\_\_\_\_\_\_\_\_\_\_\_Coefficients: \_\_\_\_\_\_\_\_\_\_Constants: \_\_\_\_\_\_\_\_\_\_\_\_* + - 1. $-x-9x^{2}+12x^{2}+7$

Terms: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Variables: \_\_\_\_\_\_\_\_\_\_\_\_Coefficients: \_\_\_\_\_\_\_\_\_\_Constants: \_\_\_\_\_\_\_\_\_\_\_\_* + - 1. $ 1.4y+5-4.2-5y^{2}+z$

Terms: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Variables: \_\_\_\_\_\_\_\_\_\_\_\_Coefficients: \_\_\_\_\_\_\_\_\_\_Constants: \_\_\_\_\_\_\_\_\_\_\_\_* + - 1. $ \frac{1}{2}s-4+\frac{3}{4}s+\frac{1}{8}-2^{3}$

Terms: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Variables: \_\_\_\_\_\_\_\_\_\_\_\_Coefficients: \_\_\_\_\_\_\_\_\_\_Constants: \_\_\_\_\_\_\_\_\_\_\_\_ |