

## Structure of Expressions

Score \_\_\_\_\_ Per \_\_\_\_\_

Match the following vocabulary words with their definitions.

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|----------------------|---|
| 1. Expression _____  | A. A term that has no variable  |
| 2. Term _____        | B. The number that is being multiplied by the variable  |
| 3. Coefficient _____ | C. Addition, Subtraction, Multiplication, or Division   |
| 4. Operation _____   | D. A statement that two expressions are equal   |
| 5. Constant _____    | E. A single chunk. It can be a number, a variable, or the product of a number and one or more variables |
| 6. Equation _____    | F. A mathematical phrase that can include numbers, variables, and operation symbols.                    |
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|--|--|
| 7. $x + 2y - 3$                                | 11. $2y$                                       |
| a) How many terms are in the expression? _____ | a) How many terms are in the expression? _____ |
| b) What are the coefficients? _____            | b) What are the coefficients? _____            |
| c) What are the constants? _____               | c) What are the constants? _____               |
| d) What are the variables? _____               | d) What are the variables? _____               |
| 8. $3x + 4 - 10x + 2 + x$                      | 12. $-27$                                      |
| a) How many terms are in the expression? _____ | a) How many terms are in the expression? _____ |
| b) What are the coefficients? _____            | b) What are the coefficients? _____            |
| c) What are the constants? _____               | c) What are the constants? _____               |
| d) What are the variables? _____               | d) What are the variables? _____               |
| 9. $5x - 2$                                    | 13. $xy$                                       |
| a) How many terms are in the expression? _____ | a) How many terms are in the expression? _____ |
| b) What are the coefficients? _____            | b) What are the coefficients? _____            |
| c) What are the constants? _____               | c) What are the constants? _____               |
| d) What are the variables? _____               | d) What are the variables? _____               |
| 10. $7x - y + 1$                               | 14. $32 - 17y$                                 |
| a) How many terms are in the expression? _____ | a) How many terms are in the expression? _____ |
| b) What are the coefficients? _____            | b) What are the coefficients? _____            |
| c) What are the constants? _____               | c) What are the constants? _____               |
| d) What are the variables? _____               | d) What are the variables? _____               |
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15. a) Make up an expression that has *at least* 3 terms and 2 variables: \_\_\_\_\_
- b) How many terms are in your expression? \_\_\_\_\_
- c) Are there any coefficients? \_\_\_\_\_ If yes, what are they? \_\_\_\_\_
- d) Are there any constants? \_\_\_\_\_ If yes, what are they? \_\_\_\_\_
- e) Are there any exponents? \_\_\_\_\_ If yes, what are they? \_\_\_\_\_