

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? _____