

Learny Academy

Worksheet: Algebraic Expressions

1. Write "one-third of a number n " as an algebraic expression.
2. Which of the following is a binomial?
3. Evaluate $x - y$ if $x = 10$ and $y = 4$.
4. Which property allows us to write $2(x + 3)$ as $2x + 6$?
5. Which of the following is a polynomial?
6. What is the coefficient of y in the expression $12 - y + 5x$?
7. If $m = 5$, what is the value of $2m + m$?
8. What makes two terms like terms?
9. Write "half of a number x " as an algebraic expression.
10. If the current age of a person is ' x ' years, what was their age 5 years ago?
11. If $a = 5$ and $b = 2$, what is the value of $2a + b$?
12. Simplify: $3(x + 2)$.
13. Which of the following describes a constant?
14. What is the value of $a + b - c$ if $a = 1$, $b = 2$, $c = 3$?
15. In the expression $6x + 2y - 1$, which of these is a term?
16. What is the variable part of the term $-6ab$?
17. What is the coefficient of ' a ' in the term ' a '?
18. Which term has the variable ' z '?
19. Which of these is NOT a term in $3x + 2y - 5$?
20. Simplify: $3a + 5 + 2a - 1$