

Learny Academy

Worksheet: Algebraic Expressions

1. Which of the following terms has a numerical coefficient of 1?
2. 7 more than a number 'p' can be written as:
3. If $a = -5$, what is $a + 10$?
4. Which is an algebraic expression for "subtract 4 from twice a number x"?
5. What is the value of the expression $x + 7$ if $x = 3$?
6. Simplify: $7a + 2b + 3a$
7. What is the coefficient of 'x' in the expression $x/2$?
8. "8 more than a number y" can be written as:
9. Write "10 more than a number q" as an algebraic expression.
10. What is the numerical coefficient of the term $-15x^2y$?
11. The value of a variable is:
12. In the expression $5x + 3$, what is 'x'?
13. What is the difference when $2x$ is subtracted from $5x$?
14. Simplify: $7y - (-3y)$
15. What is the coefficient of the term $7y$?
16. What is the coefficient of 'p' in the term $8p$?
17. Write an expression for "the perimeter of a square with side length s".
18. A variable is a symbol used to represent:
19. The additive inverse of $6x$ is:
20. Evaluate $a / (b - 1)$ if $a = 10$, $b = 6$.