

Integers Worksheet 10
Evaluating Algebraic Expressions

Evaluate each expression, using the given variable values.

1. $5x^2$ if: $x = -2$

2. $2xy$ if: $x = -3$ $y = -4$

3. $(3x)^2$ if: $x = -2$

4. $3AB + B^2$ if: $A = -4$ $B = -1$

5. $5x^2 + 2y$ if $x = -3$ $y = -4$

6. $2x^2 - 6x + 1$ if: $x = -3$

7. $3x^2 + 2x - 4$ if: $x = -2$

8. $4A^2 + B(C - A)$ if: $A = -3$ $B = 5$ $C = -2$

9. $5x + 4$ when $x = 3$

10. $4A^2 + B(C - A)$ if: $A = 3$ $B = 5$ $C = -2$

11. $7a + 3$ if: $a = -2$

12. $-3y - 9$ if: $y = -8$

13. $4b + 9t$ if: $b = 7$ $t = -2$

14. $-8g + 3n$ if: $g = -3$ $n = 4$

15. $-6s - 5h$ if: $s = 9$ $h = 5$

16. $x + 7p$ if: $x = -1$ $p = 8$

17. $7q - 2d + 3$ if: $q = -7$ $d = 1$

18. $-c + 5m - 3$ if: $c = -5$ $m = 2$

19. $4x + 6y - 2z$ if: $x = -9$ $y = 2$ $z = -3$

20. $-9y + 5p + 3z$ if: $y = 7$ $p = -4$ $z = 6$

21. $7e - m - 4w$ if: $e = 3$ $m = -8$ $w = 1$

22. $6r + 5d + y$ if: $r = -4$ $d = -3$ $y = 8$

23. $9x - 3y - f$ if: $x = 3$ $y = 1$ $f = -8$

24. $-b - 4x + 7g$ if: $b = 2$ $x = 4$ $g = 5$