



PRODUCTOS NOTABLES

Resolver utilizando los casos de los productos notables

1. $(1 + 3x^4)^2 =$

2. $(7a^2b^3 + 5x^4)^2 =$

3. $(a^3 - b^2)(a^3 + b^2) =$

4. $(1 - 8xy) \cdot (1 + 8xy) =$

5. $(a^{x+1} - 2b^{x-1})(2b^{x-1} + a^{x+1}) =$

6. $(x + y + z)(x + y - z) =$

7. $(a^2 - 2b)^3 =$

8. $(x^3 + 6)(x^3 - 8) =$

9. $(x^3y^3 - 6)(x^3y^3 + 6) =$

10. $(5a^{x+1} - 7)(5a^{x+1} - 4) =$

11. $\left(\frac{2}{3}a^6b^4c^{-3} + 11ab^2\right) =$

12. $(5x^2 - 3)^3 =$

13. $(x - 1)(x^2 + x + 1) =$

14. $(2 + y)(4 - 2y + y^2) =$

15. $(a^{2n}b^m - 2x^3y^a)(a^{2n}b^m + 2x^3y^a) =$

16. $(x^{a+1} - 8)(x^{a+1} + 9) =$

17. $\left(3\sqrt{7}a^{x+1}b^m - \frac{1}{5}b^{-7}c^{-2}\right)\left(3\sqrt{7}a^{x+1}b^m + \frac{1}{5}b^{-7}c^{-2}\right) =$

18. $(a^2b^2 - 1)(a^2b^2 + 7) =$

19. $(5 - ab)(25 + 5ab + a^2b^2) =$

20. $(2mn^2 + 3m^{-1}n^{-3})^2 =$

21. $(3a^{x+y} - 2)(3a^{x+y} - 5) =$

22. $\left(\frac{2}{3}a^2b - \frac{1}{5}x^3y^4\right)^2 =$

23. $(m^2 - m + n)(n + m + m^2) =$

24. $(2a - 3b + c)^2 =$

25. $(x^2y^{-3}z^{-6} - 5a^3b^7c)(x^2y^{-3}z^{-6} + 5a^3b^7c) =$