

FACTOR COMÚN POR AGRUPACIÓN DE TÉRMINOS

1. $a(x + 1) + b(x + 1) =$
2. $x^2(p + q) + y^2(p + q) =$
3. $(1 - x) + 5c(1 - x) =$
4. $(x + y)(n + 1) - 3(n + 1) =$
5. $a(a + b) - b(a + b) =$
6. $m(2a + b) + p(2a + b) =$
7. $(a^2 + 1) - b(a^2 + 1) =$
8. $a(2 + x) - (2 + x) =$
9. $(a + 1)(a - 1) - 2(a - 1) =$
10. $(2x + 3)(3 - r) - (2x - 5)(3 - r) =$
11. $a(x+1) + b(x+1) =$
12. $x(a+1) - 3(a+1) =$
13. $2(x-1) + y(x-1) =$
14. $m(a-b) + (a-b) =$
15. $2x(n-1) + 3y(n-1) =$
16. $a(n+2) + n+2 =$
17. $x(a+1) - a - 1 =$
18. $a^2 + 1 - b(a^2 + 1) =$
19. $3x(x-2) - 2y(x-2) =$
20. $1-x + 2a(1-x) =$
21. $a^3(a - b + 1) - b^2(a - b + 1) =$
22. $4m(a^2 + x - 1) + 3n(x - 1 + a^2) =$
23. $x(2a + b + c) - 2a - b - c =$
24. $(x + y)(n + 1) - 3(n + 1) =$
25. $(x + 1)(x - 2) + 3y(x - 2) =$

$$26. (x^2 + 2)(m - n) + 2(m - n) =$$

$$27. a(x - 1) - (a + 3)(x - 1) =$$

$$28. 5x(b^2 + 1) + (x^2 + 1)(b^2 + 1) =$$

$$29. (m + n)(a - n) + (m + n)(a - n) =$$

$$30. (y + m)(a + m) - (y + m)(a + b) =$$

$$31. (a - 2)(a - 4) + (a - 2)(a + 4) =$$

$$32. (a + b - 1)(b^2 + 1) - b^2 - 1 =$$

$$33. (a + b - c)(x - 3) - (b - c - a)(x - 3) =$$

$$34. 3x(x - 1) - 2y(x - 1) + z(x - 1) =$$

$$35. a(a + 1) - b(a + 1) - a - 1 =$$

$$36. x(b + 2) - b - 2 + 3(b + 2) =$$

$$37. (1 + 3b)(y + 1) - 2a(y + 1) + 3(y + 1) =$$

$$38. 2m(a - 1) - 3y(a - 1) + z(a - 1) =$$

$$39. (a + 3)(b + 1) - b - 1 =$$

$$40. p(2q + r + s) - 2q - r - s =$$

$$41. 5y(c^2 + 1) + (c^2 + 1)(r^2 + 1) =$$

$$42. (m - 2)(m - 3) + (m - 2)(m + 4) =$$

$$43. 7x(n^2 + 2) + (n^2 + 2)(b^2 + 3) =$$

$$44. k(q + r) - b(q + r) - q - r =$$

45. $p(h-1) + w(-h-1) + (h-1) =$	
46. $a(x+1) + b(x+1) =$	1. $m(2a+b) + p(2a+b) =$
47. $x^2(p+q) + y^2(p+q) =$	48. $(a^2+1) - b(a^2+1) =$
49. $(1-x) + 5c(1-x) =$	50. $a(2+x) - (2+x) =$
51. $(x+y)(n+1) - 3(n+1) =$	52. $(a+1)(a-1) - 2(a-1) =$
53. $a(a+b) - b(a+b) =$	54. $(2x+3)(3-r) - (2x-5)(3-r) =$
55. $a^2 + ab + ax + bx =$	56. $ab + 3a + 2b + 6 =$
57. $ab - 2a - 5b + 10 =$	58. $2ab + 2a - b - 1 =$
59. $am - bm + an - bn =$	60. $3x^3 - 9ax^2 - x + 3a =$
61. $3x^2 - 3bx + xy - by =$	62. $6ab + 4a - 15b - 10 =$
63. $3a - b^2 + 2b^2x - 6ax =$	64. $a^3 + a^2 + a + 1 =$
65. $ac - a - bc + b + c^2 - c =$	
66. $6ac - 4ad - 9bc + 6bd + 15c^2 - 10cd =$	
67. $ax - ay - bx + by - cx + cy =$	
68. $3am - 8bp - 2bm + 12ap =$	
69. $18x - 12 - 3xy + 2y + 15xz - 10z =$	
70. $\frac{15}{4}x^2 - \frac{21}{4}xz - \frac{10}{3}xy + \frac{143}{3}yz + 5x - 7z =$	
71. $\frac{2}{3}am - \frac{8}{3}am - \frac{4}{5}bm + \frac{16}{5}bn =$	