

Quadratzahl - Quadratzahl

$$x^2 - y^2 = (x+y)(x-y)$$

1. $a^2 - b^2 = (a + b)(a - b)$
2. $a^2 - 1 = (a + 1)(a - 1)$
3. $4x^2 - 1 = (2x + 1)(2x - 1)$
4. $4x^2 - y^2 = (2x + y)(2x - y)$
5. $9c^2 - 4d^2 = (3c + 2d)(3c - 2d)$
6. $36s^2 - t^2 = (6s + t)(6s - t)$
7. $x^2y^2 - z^2 = (xy + z)(xy - z)$
8. $49x^2y^2 - 9z^2 = (7xy + 3z)(7xy - 3z)$
9. $1 - 64a^2 = (1 + 8a)(1 - 8a)$
10. $4 - 9c^2 = (2 + 3c)(2 - 3c)$
11. $1,21e^2 - 1,44f^2 = (1,1e + 1,2f)(1,1e - 1,2f)$
12. $16x^2 - 81y^2 = (4x + 9y)(4x - 9y)$

13. $16x^2 - 9 = (4x + 3)(4x - 3)$
14. $64 - y^2 = (8 + y)(8 - y)$
15. $625x^2 - 1 = (25x + 1)(25x - 1)$
16. $1 - 4y^2 = (1 + 2y)(1 - 2y)$
17. $x^2 - 100 = (x + 10)(x - 10)$
18. $x^2 - 121 = (x + 11)(x - 11)$
19. $x^2 - 144 = (x + 12)(x - 12)$
20. $x^2 - 169 = (x + 13)(x - 13)$
21. $25x^2 - 64y^2 = (5x + 8y)(5x - 8y)$
22. $81x^2 - 4y^2 = (9x + 2y)(9x - 2y)$
23. $4x^2 - 1 = (2x + 1)(2x - 1)$
24. $x^2 - 36y^2 = (x + 6y)(x - 6y)$
25. $x^{12} - y^{18} = (x^6 + y^9)(x^6 - y^9)$