

Kvadratické rovnice na riešenie s výsledkami:

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|-----------------------------------|---------------------------------|---|---------------------------------|
| 1. $x^2 - 4 = 0$ | -2; 2 | 16. $4x^2 - 64x + 256 = 0$ | 8 |
| 2. $2x^2 = x$ | 0; 1/2 | 17. $4x - 4x^2 - 1 = 0$ | 1/2 |
| 3. $4x^2 - 64 = 0$ | -4; 4 | 18. $(x - 1)^2 - 1 = 0$ | 0; 2 |
| 4. $3x - 12x^2 = 0$ | 0; 1/4 | 19. $9(x^2 - 1) - 9 = 0$ | $\pm\sqrt{2}$ |
| 5. $(x + 4)^2 - 1 = 0$ | -3; -5 | 20. $x^2 - x - 2 = 0$ | -1; 2 |
| 6. $9x^2 - 1 = 0$ | -1/3; 1/3 | 21. $x^2 - 4(x - 3) - 9 = 0$ | 1; 3 |
| 7. $x^2 - 3 = 0$ | $\pm\sqrt{3}$ | 22. $\frac{1}{9}x = \frac{4}{9}x^2$ | 0; 1/4 |
| 8. $x^2 - \sqrt{2}x = 0$ | 0; $\sqrt{2}$ | 23. $\frac{1}{3}x^2 = 2x + \frac{7}{3}$ | -1; 7 |
| 9. $\frac{1}{9}x = 4x^2$ | 0; 1/36 | 24. $x^2 = 0,1x + 0,9$ | -9/10; 1 |
| 10. $\frac{1}{3}x^2 = 2x$ | 0; 6 | 25. $0,5x^2 - 0,1 = -0,4x$ | 1/5; -1 |
| 11. $0,5x^2 = 0,1x$ | 0; 1/5 | 26. $x^2 + (x - 3)^2 = (3 - 5x)^2$ | 0; 36/23 |
| 12. $2,5x^2 - 1,1 = 5,3$ | -8/5; 8/5 | 27. $x^2 + 6x + 9 = 0$ | -3 |
| 13. $(3 - x)^2 = (3 + x)^2 - x^2$ | 0; 12 | 28. $x^2 - 6x + 9 = 0$ | 3 |
| 14. $3x^2 - 27 = 0$ | -3; 3 | | |
| 15. $4x^2 = -5x$ | 0; -5/4 | | |
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