

razlika kvadrata

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- 2 Rastavi na faktore prema formuli
- 3 Zapiši kao razliku kvadrata

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Faktoriziraj prema formuli za razliku kvadratai

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$$9 - x^2$$

$$16 - y^2$$

$$25x^2 - 1$$

$$1 - 16a^2$$

$$a^2 - 9b^2$$

$$16a^2 - 5b^2$$

$$100a^2 - 121b^2$$

$$\frac{1}{4} - 9b^2$$

$$\frac{81}{25}m^2 - \frac{16}{9}n^2$$

$$4x^2 - 49y^2$$

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$$9 - x^2 = (3 - x)(3 + x)$$

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$$4x^2 - 49y^2 = (2x - 7y)(2x + 7y)$$

Zapiši kao razliku kvadrata

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$$(x - 8y)(x + 8y)$$

$$(3a - 2b)(3a + 2b)$$

$$\left(\frac{2}{3}a + \frac{1}{2}b\right)\left(\frac{2}{3}a - \frac{1}{2}b\right)$$

$$(7a - 1)(7a + 1)$$

$$(2x - 5y)(2x + 5y)$$

$$\left(\frac{1}{5}c - \frac{3}{2}d\right)\left(\frac{1}{5}c + \frac{3}{2}d\right)$$

$$(4a - 3b)(4a + 3b)$$

$$(10a - 11b)(10a + 11b)$$

$$\left(\frac{2}{7}a - \frac{1}{3}b\right)\left(\frac{2}{7}c + \frac{1}{3}b\right)$$

$$(a^2b^2 - 2)(a^2b^2 + 2)$$

Zapiši kao razliku kvadrata

$$\begin{aligned}(x - 8y)(x + 8y) &= x^2 - 64y^2 \\(3a - 2b)(3a + 2b) \\ \left(\frac{2}{3}a + \frac{1}{2}b\right)\left(\frac{2}{3}a - \frac{1}{2}b\right) \\(7a - 1)(7a + 1) \\(2x - 5y)(2x + 5y) \\ \left(\frac{1}{5}c - \frac{3}{2}d\right)\left(\frac{1}{5}c + \frac{3}{2}d\right) \\(4a - 3b)(4a + 3b) \\(10a - 11b)(10a + 11b) \\ \left(\frac{2}{7}a - \frac{1}{3}b\right)\left(\frac{2}{7}c + \frac{1}{3}b\right) \\(a^2b^2 - 2)(a^2b^2 + 2)\end{aligned}$$

Zapiši kao razliku kvadrata

$$(x - 8y)(x + 8y) = x^2 - 64y^2$$

$$(3a - 2b)(3a + 2b) = 9a^2 - 4b^2$$

$$\left(\frac{2}{3}a + \frac{1}{2}b\right)\left(\frac{2}{3}a - \frac{1}{2}b\right)$$

$$(7a - 1)(7a + 1)$$

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$$\left(\frac{1}{5}c - \frac{3}{2}d\right)\left(\frac{1}{5}c + \frac{3}{2}d\right)$$

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