

Upravte algebraické výrazy pomocí vzorců (rozkladem kvadratického trojčlenu)

$$x^2 + 7x + 6 = (x + 6)(x + 1)$$

$$y^2 + 10y + 30 = (y + 6)(y + 1)$$

$$a^2 + 15a + 54 = (a + 6)(a + 9)$$

$$m^2 - 8m - 48 = (m + 4)(m - 12)$$

$$r^2 + r - 30 = (r + 6)(r - 5)$$

$$t^2 + 5t - 24 = (t + 8)(t - 3)$$

$$n^2 + 8n + 16 = (n + 4)(n + 4)$$

$$z^2 - 14z + 49 = (z - 7)(z - 7)$$

$$d^2 + 16 = \text{nř}$$

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

$$y^2 - 3y - 10 = (y - 5)(y + 2)$$

$$a^2 + 12a + 36 = (a + 6)(a + 6)$$

$$m^2 - 3m - 63 = (m + 6)(m - 9)$$

$$r^2 + r - 90 = (r - 9)(r + 10)$$

$$t^2 + 4t - 12 = (t + 6)(t - 2)$$

$$n^2 + 22n + 121 = (n + 11)(n + 11)$$

$$z^2 - 26z + 196 = (x - 13)(x - 13)$$

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

$$x^3 - 1 = (x - 1)(x^2 + x + 1)$$

$$y^2 + y - 42 = (y - 6)(y + 7)$$

$$a^2 + 4a + 4 = (a + 2)(a + 2)$$

$$m^2 - 6m - 27 = (m - 9)(m + 3)$$

$$r^2 + 2r - 120 = (r + 12)(r - 10)$$

$$t^2 + 16t + 64 = (t + 8)(t + 8)$$

$$n^2 + 20n + 100 = (n + 10)(n + 10)$$

$$z^2 + 40z + 400 = (z + 20)(z + 20)$$

$$d^3 + 8 = (d + 2)(d^2 - 2d + 4)$$

$$(a + 6)^2 = (x + 6)(x + 1)$$

$$(b - 1)^2 = b^2 - 2b + 1$$

$$(c + 3)^3 = c^3 + 9c^2 + 27c + 27$$

Upravte algebraické výrazy pomocí vzorců (rozkladem kvadratického trojčlenu)

$$(m + 10)^2 = m^2 - 20m + 100$$

$$(k + 1)^3 = k^3 + 3k^2 + 3k + 1$$

$$(n + 12)^2 = n^2 + 24n + 144$$

$$(r - 3)^3 = r^3 - 9r^2 + 27r - 27$$

$$(t - 12)^2 = t^2 - 24t + 144$$

$$(s + 5)^3 = s^3 + 15s^2 + 75s + 125$$

$$(y - 4)^3 = y^3 - 12y^2 + 48y - 64$$

$$z^3 + 6z^2 + 12z + 8 = (z + 2)^3$$

$$a^3 - 9a^2 + 27a - 27 = (a - 3)^3$$

$$(t + 10)^3 = t^3 + 30t^2 + 300t + 1000$$

$$(w - 10)^3 = w^3 - 30w^2 + 300w - 1000$$

$$d^2 + 81 = nř$$

$$r^3 + 12r^2 + 48r + 64 = (r + 4)^3$$

$$x^3 - 3x^2 + 3x - 1 = (x - 1)^3$$

$$m^3 + 30m^2 + 300m + 1000 = (m + 10)^3$$

$$x^2 + 9x + 20 = (x + 5)(x + 4)$$

$$y^2 + 17y + 52 = (y + 4)(y + 13)$$

$$a^2 + 18a + 72 = nř$$

$$m^2 - 7m - 18 = (m - 9)(m + 2)$$

$$r^2 + 8r - 65 = (r + 13)(r + 5)$$

$$t^2 + 12t - 28 = (t + 14)(t - 2)$$

$$n^2 + 18n + 81 = (n + 9)(n + 9)$$

$$a^3 - 15a^2 + 75a - 125 = (a - 5)^3$$

$$z^3 + 4 = nř$$