Uprav mnohočleny:

$(a + 2)(a - 2) + (a + 3)^2 =$ $a^2 - 4 + a^2 + 6a + 9 = 2a^2 + 6a + 5$

$(b + 3)(b - 3) - (b + 7)^2 =$ $b^2 - 9 - b^2 - 14b - 49 = -14b - 58$

$(c + 4)(c - 4) - (c - 9)^2 =$ $c^2 - 16 - c^2 + 18c - 81 = 18c - 97$

$(d - 6)^2 - (d + 5)(d - 5) =$ $d^2 - 36 - d^2 + 25 = -11$

$(e + 5)^2 + (e - 4)^2 =$ $e^2 + 10e + 25 + e^2 - 8e + 16 = 2e^2 + 2e - 41$

$(2f - 3)^2 - (f - 1)^2 =$ $4f^2 - 12f + 9 - f^2 + 2f - 1 = 3f^2 - 10f + 9$

$2a(a - 3) - (a^2 + 5a) =$ $2a^2 - 6a - a^2 - 5a = a^2 - 11a$

$(2 + b)(b + 5 - 3b) =$ $(2 + b)(5 - 2b) = -4b^2 - b + 10$

$(c + 4 - 2c)^2 =$ $(4 - c)^2 = c^2 - 8c + 16$

$(2d - 5)^2 + (12d - 5d^2) =$ $4d^2 - 20d + 25 + 12d - 5d^2 = -d^2 - 8d + 25$

$(3 + e)(e - 3) - 3(e^2 - 1) =$ $e^2 - 9 - 3e^2 + 3 = -2e^2 - 6$

$(f + 2)^2 + (f - 2)(f + 2) =$ $f^2 + 4f + 4 + f^2 - 4 = 2f^2 + 4f$

$g(4g - 1) - 4(g^2 - g) =$ $4g^2 - g - 4g^2 + 4g = 3g$

$(3h + 2)^2 - (3h - 2)^2 =$ $9h^2 + 12h + 4 - 9h^2 + 12h - 4 = 24h$

$\frac{1}{2}k(2 - 3k) + 3(k + 2k) - k(3 - k) =$ $k - 1{,}5k^2 + 9k - 3k + k^2 = -0{,}5k^2 - 7k$

$(m - 4)^2 + 2m(8 - 2m) =$ $m^2 - 8m + 16 + 16m - 4m^2 = -3m^2 + 8m + 16$

$(n + 2n)(n - 2n) - (n - 2n) =$ $-3n^2 - n + 2n = -3n^2 + n$

$(1 + 2p) \cdot \frac{p}{2} - \frac{2-p}{2} =$ $0{,}5p + p^2 - 1 + 0{,}5p = p^2 + n - 1$

$(2r + 3s)^2 =$ $4r^2 + 12rs + 9s^2$

$3t(2 - u) - 2u(t - 3u) =$ $6t - 3tu - 2tu + 6u^2 = 6u^2 - 5tu + 6t$

$(4 + v)(4 - v) + (3v + 2)(-3) =$ $v^2 - 16 - 9v - 6 = v^2 - 9v - 22$

$\left(w-\frac{5}{2}\right)^2 : 2 + \left(\frac{1}{2}-w\right)^2 =$ $0{,}5w^2 - 2{,}5w + 3{,}125 + 0{,}25 - w + w^2 = 1{,}5w^2 - 3{,}5w + 3{,}375$

$\left(\frac{x}{3}-\frac{3}{2}\right)^2 =$ $\frac{1}{9}x^2 - x + \frac{9}{4}$