$(3a - 5b + 6c) + (-2a - 7b - 4c) =$ $a - 12b + 2c$

$(2x + y) - (3x + 4y - 1) =$ $-x - 3y + 1$

$(6x^2 - 11y + 2) - (-3y + 4x^2 - 5) =$ $2x^2 - 8y + 7$

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

$-(ab + 12b) + 2ab - (3ab - 7b) =$

$-ab - 12b + 2ab - 3ab + 7b = -2ab - 5b$

VÝRAZY - NÁSOBEN

$a^m \cdot a^n = a^{m+n}$

jednočlen x jednočlen

$2x \cdot 4y = 8xy$

$2x = 2 \cdot x$

$2x \cdot 4x = 8x^2$

$x \cdot x = x^2$

$-3x^2 \cdot 4x^3y = -12x^5y$

$2ab^2c \cdot (-5abc^3) = -10a^2b^3c^4$

jednočlen x mnohočlen

$xy = yx$

$a \cdot (b + c) = ab + ac$

$3(x + 4) = 3x + 12$

$3 \cdot x \quad 3 \cdot 4$

$\neq 3x + 4$ – ŠPATNĚ!

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

$x \cdot 2x$

$3a.7ab =$	$21a^2b$
$5a^2b.3ab^2 =$	$15a^3b^3$
$6a^3b^2.(-8ab^3) =$	$-48a^4b^5$
$0,3xy.1,5y^2 =$	$0,45xy^3$
$(-3,2x^2y^2).2xy^2 =$	$-6,4x^3y^4$
$(-8xy^3)(-5x^2y) =$	$40x^3y^4$

$3xy^2 \cdot 8x^2y^3 = 24x^3y^5$ $\boxed{x = x^1}$

$7xy^2z^3 \cdot (-4xyz^2) = -28x^2y^3z^5$

$(-6{,}4a^2) \cdot 0{,}5b = -3{,}2a^2b$

$0{,}25a^2b \cdot (-16b^2c^4) = -4a^2b^3c^4$

$\frac{5}{2}u^2v \cdot (-0{,}8)uv^3 = -2u^3v^4$

$2{,}5 \cdot (-0{,}8)\ \frac{1}{5} \cdot \frac{-x^4}{x^0_2} = -2$

$5a.4a = 20a^2$

$5b^2.3ab = 15ab^3$

$4cx^2.2c^2x^3 = 8c^3x^5$

$(-7m^2n^3).6mn = -42m^3n^4$

$4a^2bc^3.(-2ab^3c^2) = -8a^3b^4c^5$

(x + 7) . 2 = $2x + 14$

(3 - a) . 5 = $15 - 5a = -5a + 15$

(c - 0,5) . b = $bc - 0{,}5b$ ~~b~~

z . (v + z) = $vz + z^2$

4 . (-n + 2) = $-4n + 8$

(a -1) . a = $2a^2 - 1a$

(-3) . (p - q) = $-3p + 3q$

(-r + s) . (-r) = $r^2 - rs$

$1 \cdot 3 = 3$

$2x(x^2 - 3x + 7) = 2x \cdot x^2 - 2x \cdot 3x + 2x \cdot 7 =$

$= \underline{\underline{2x^3 - 6x^2 + 14x}}$

$5a^2.3ab =$	$15a^3b$
$4c^2d.(-3cd) =$	$-12c^3d^2$
$8xyz^3.2x^2y^3 =$	$16x^3y^4z^3$
$(-5ab).(-ab) =$	$5a^2b^2$
$2a^2c^3.2ab^3.3bc^2 =$	$12a^3b^4c^5$
$(x + 7).\ 2 =$	$2x + 14$
$5.\ (3 - a) =$	$15 - 5a$
$z.\ (v + z) =$	$vz + z^2$

$(x + y - z) . 2 =$ $2x + 2y - 2z$

$(2x + 3y). 4xy =$ $8x^2y + 12xy^2$

$(-8a + 3b). (-1) =$ $8a - 3b$

$(4d - 3e). (-7e) =$ $-28de + 21e^2$

$2ay. (-3a + 4y) =$ $-6a^2y + 8ay^2$

$5v. (2u + 3) =$ $10uv + 15v$

$rs .(3r^2 - 7) =$ $3r^3s - 7rs$

$2x^2.3x^3 =$	$6x^5$
$4ab^3 . (-5a^2b^2) =$	$-20a^3b^5$
$8 . (2x - 3) =$	$16x - 24$
$(7a + 3b). (-2ab) =$	$-14a^2b - 6ab^2$
$3x^2y . (2x - 5y) =$	$6x^3y - 15x^2y^2$

$a(a + 10) =$	$a^2 + 10a$
$2x(x - 5) =$	$2x^2 - 10x$
$(-3y^2)(y + 2) =$	$-3y^3 - 6y^2$
$4ab(2a - 3b) =$	$8a^2b - 12ab^2$
$(x^2 - 2xy + 3y^2).2xy =$	$2x^3y - 4x^2y^2 + 6xy^3$