$7a - 4b + 6a - 4b = 13a - 13b$

$2a + b - 7c - 1b + 1c + 2c - 9a = 0$

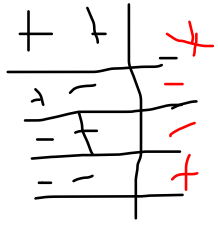
$-2c + 2c$

$-6m + 8n + 5 - m - n - 6m - 1 = -13m + 7n - 6$

$-7m - 6m = -13m$

$15a^2 - 6ab - 8a^2 + 20 - 5ab - 31 + a^2 - ab = 8a^2 - 12ab - 11$

$7a^2 + a^2 = 8a^2 \quad -11ab - ab = -12ab$



$(2x^3)(-5x^3) = -(2)(5)x^{3+3} = -10x^6$

$(12x^3)(4x^{-1}) = +(12)(4)x^{3+1} = 48x^4$

$(a^2b^3)(3a^2x) = +(1)(3)a^{2+2}b^3x = 3a^4b^3x$

$(4a^2 - 7ab)(2a^3b) =$

$+(4a^2)(2a^3b) - (7ab)(2a^3b) = 8a^5b - 14a^4b^2$

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

$= -(3m)(5m^4) + (3m)(3m^3) - (3m)(6m) + (3m)(3) =$

$= -15m^5 + 9m^4 - 18m^2 + 9m$

$(4a^3c - 7a^2b + 2c)(-3ac^4) =$

$= -(4a^3c)(3ac^4) + (7a^2b)(3ac^4) + (2c)(3ac^4) =$

$= -12a^4c^5 + 21a^3bc^4 + 6ac^5$

$(a+b)(a+b+c) = (a)(a) + (a)(b) + (a)(c) + (b)(a) + (b)(b) + (b)(c)$

$= a^2 + ab + ac + ba + b^2 + bc = a^2 + 2ab + ac + b^2 + bc$

ab ba