

Polynomilarkentaa

lauseke

Esim. $3x^2 - 5x + 4$

Termit: $3x^2$, $-5x$, 4

2 ← asteluku
← vakiotermit

↑
koinin muuttuja
osa

↑
ensimmäisen asteen
termi

toisen asteen
termi

$3x^2 - 5x + 4$ on toisen asteen polynomi

darbūtairmitūbriņa:

Ērim. Sīvēnnā

$$a) \underline{5x + 3} - \underline{2x + 1} = \underline{\underline{3x + 4}}$$

$$b) 4x^2 - 2x + 1 - (3x^2 - 4x + 5) =$$

$$\underline{4x^2} - 2x + 1 - \underline{3x^2} + \underline{4x} - 5 = \underline{\underline{x^2 + 2x - 4}}$$

$$c) 5(3x - 2) = \underline{15x} - \underline{10}$$

$$5 \cdot 3 \cdot x \quad 5 \cdot (-2)$$

$$d) 3x(-2x + 3) = 3 \cdot x \cdot (-2) \cdot x + 3 \cdot x \cdot 3 = \underline{\underline{-6x^2 + 9x}}$$

$$e) (2x - 3)(4x + 1) = 2x \cdot 4x + 2x \cdot 1 + (-3) \cdot 4x + (-3) \cdot 1 =$$

$$8x^2 + 2x - 12x - 3 =$$

$$\underline{\underline{8x^2 - 10x - 3}}$$