



Algebraické výrazy

$$(2x - 3)^2 + (6 - 2x) \cdot 2x =$$

$$(\underline{2} + 2a)^2 - (2a)^2 - 2^2 =$$

$$(0,5x - 1)(0,5x + 1) - \left(\frac{1}{2}x - 1\right)^2 =$$

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

$$(2a - 1)^2 - 2(2a - 4a) =$$

$$\frac{u - 2}{3} - \frac{2u - 5}{6} =$$

$$(1 - 4n)(1 - 4n) + (1 - 4n)(1 + 4n) - 2 =$$

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$$(2x - 3)^2 + (6 - 2x) \cdot 2x = 4x^2 - 12x + 9 + 12x - 4x^2 = 9$$

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

$$(0,5x - 1)(0,5x + 1) - \left(\frac{1}{2}x - 1\right)^2 = \frac{1}{4} \cdot x^2 - 1 - \frac{1}{4}x^2 + x - 1 = x - 2$$

$$(3 + 5a)^2 - (3 - 5a)^2 = 9 + 30a + 25a^2 - 9 + 30a - 25a^2 = 60a$$

$$(2a - 1)^2 - 2(2a - 4a) = 4 + 8a + 4a^2 - 4a^2 - 4 = 8a$$

$$\frac{u - 2}{3} - \frac{2u - 5}{6} = \frac{2u - 4 - 2u + 5}{6} = \frac{1}{6}$$

$$(1 - 4n)(1 - 4n) + (1 - 4n)(1 + 4n) - 2 =$$

$$1 - 8n + 16n^2 + 1 - 16n^2 - 2 = -8n$$