

Rozklad mnohočlenů na součin

b) pomocí vzorců

$$r^2 - 2rs + s^2 = (r - s)^2 = (r - s) \cdot (r - s)$$

$$x^2 + 4xy + 4y^2 = (x + 2y)^2$$

$$4a^2 + 12ab + 9b^2 = (2a + 3b)^2$$

$$9x^2 + 24x + 16 = (3x + 4)^2$$

$$25 + 30x + 9x^2 = (5 + 3x)^2$$

$$121m^2 + 44mn + 4n^2 = (11m + 2n)^2$$

$$81x^2 - 126xy + 49y^2 = (9x - 7y)^2$$

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

$$9y^2 - 36z^2 = (3y + 6z) \cdot (3y - 6z)$$

$$16a^2b^2 - 25c^2 = (4ab + 5c) \cdot (4ab - 5c)$$

$$m^2 - 4n^2 = (m + 2n) \cdot (m - 2n)$$

$$144a^2 - 121b^2 = (12a + 11b) \cdot (12a - 11b)$$

$$16a^4b^2 - 49c^2 = (4a^2b + 7c) \cdot (4a^2b - 7c)$$