6. 5. 2020

Př. 1: Uprav:

$(a + 3)^2 = a^2 + 6a + 9$

$(x - 4)^2 = x^2 - 8x + 16$

$(z - 7)^2 = z^2 - 14z + 49$

$(c - 6)^2 = c^2 - 12c + 36$

$(y + 10)^2 = y^2 + 20y + 100$

$(2a - 5)^2 = 4a^2 - 20a + 26$

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

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

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

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

$(ab + c)^2 = a^2b^2 + 2abc + c^2$

Př. 2: Uprav:

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

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

$4x^2 - 4x + 1 = (2x - 1)^2$

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

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

$4 - 4b + b^2 = (2 - b)^2$

$c^2 - 8c + 16 = (c - 4)^2$

$x^2 - 10x + 25 = (x - 5)^2$

$z^2 - 16z + 64 = (z - 8)^2$

$p^2 - 8p + 16 = (p - 4)^2$

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

$4c^2 - 8c + 4 = (2c - 2)^2$