

Rozložit na součin:

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

$$4b^2 - 49 = (2b - 7)(2b + 7)$$

$$25c^2 - 1 = (5c - 1)(5c + 1)$$

$$8d^2 - 18 = 2(d^2 - 9) = 2(d - 3)(d + 3)$$

$$25e^2 - 25 = 25(e^2 - 1) = 5(e - 1)(e + 1)$$

$$36f^2 - 100 = 4(9f^2 - 25) = 2(3f - 5)(3f + 5)$$

$$3g^2 - 3 = 3(g - 1)(g + 1)$$

$$12h^2 - 75 = 3(2h - 5)(2h + 5)$$

$$0,8j^2 - 1,8 = 0,2(4j^2 - 9) = 0,2(2j - 3)(2j + 3)$$

Umocni:

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

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

$$(6c - 7)^2 = 36c^2 - 84c + 49$$

$$(d + 8e)^2 = d^2 + 16de + 64e^2$$

$$(9e - 1)^2 = 81e^2 - 18e + 1$$

$$(5f + 11g)^2 = 25f^2 + 110fg + g^2$$

$$(g - 0,6)^2 = g^2 - 1,2g + 0,36$$

$$(0,5h + 3)^2 = 0,25h^2 + 3h + 9$$

$$(2,5j - 6)^2 = 6,25j^2 - 30j + 36$$

$$(6k + 0,8)^2 = 36k^2 + 9,6k + 0,64$$

$$(0,1m - 0,2)^2 = 0,01m^2 - 0,04m + 0,04$$

$$\left(\frac{n}{2} - 3\right)^2 = \frac{1}{4}n^2 - 3n + 9$$

$$\left(\frac{2p}{3} - 0,3\right)^2 = \frac{4}{9}p^2 - \frac{4}{10}p + 0,09$$

$$\left(\frac{2}{5}r + \frac{3}{4}\right)^2 = \frac{4}{25}r^2 + \frac{3}{5}r + \frac{9}{16}$$

$$\left(\frac{x}{3} + 9y\right)^2 = \frac{1}{9}x^2 + 6xy + 81y^2$$