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:

$(a - 5)^2 =$

$a^2 - 10a + 25$

$(4b - 3)^2 =$

$16b^2 + 24b + 9$

$(6c - 7)^2 =$

$36c^2 - 84c + 49$

$(d - 8e)^2 =$

$d^2 + 16de + 64e^2$

$(9e - 1)^2 =$

$81e^2 - 18e + 1$

$(5f - 11g)^2 =$

$25f^2 + 110g + g^2$

$(g - 0,6)^2 =$

$g^2 - 1,2g + 0,36$

$(0,5h - 3)^2 =$

$0,25h^2 + 3h + 9$

$(2,5j - 6)^2 =$

$6,25j^2 - 30j + 36$

$(6k - 0,8)^2 =$

$36k^2 + 9,6k + 0,64$

$(0,1m - 0,2)^2 =$

$0,01m^2 - 0,04m + 0,04$

$\left(\frac{n}{2} - 3\right)^2 =$

$\frac{1}{4}n^2 - 3n + 9$

vynásob:

$(a + 6)(a - 6) =$

$a^2 - 36$

$(b + 0,5)(b - 0,5) =$

$b^2 - 0,25$

$(7c + 11)(7c - 11) =$

$49c^2 - 121$

$(0,3d + 1,2)(0,3d - 1,2) =$

$0,09d^2 - 1,44$

$(e + 3f)(e - 3f) =$

$e^2 - 9f^2$

$(fg + h)(fg - h) =$

$f^2g^2 - h^2$

$(7g + 4h^2)(7g - 4h^2) =$

$49g^2 - 36h^2$

$(h + g)(-h - g) =$

$h^2 - g^2$

$(5j - 2k)(-5j - 2k) =$

$25j^2 - 4k^2$

$(5k^3 + m)(5k^3 - m) =$

$25k^6 - m^2$

$\left(\frac{m}{3} + 9\right)\left(\frac{m}{3} - 9\right) =$

$\frac{1}{9}m^2 - 81$

$\left(\frac{2}{5}n + \frac{3}{4}\right)\left(\frac{2}{5}n - \frac{3}{4}\right) =$

$\frac{4}{25}n^2 - \frac{9}{16}$

$$\left(\frac{2p}{3} - 0,3\right)^2 =$$

$$\frac{4}{9}p^2 - \frac{4}{10}p + 0,09$$

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

$$\frac{4}{25}r^2 + \frac{3}{5}r + \frac{9}{16}$$

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

$$\frac{1}{9}x^2 + 6xy + 81y^2$$