1. Umocněte:

(3x + 4)2 =

(7x + 5y)2 =

(-x + 2y)2 =

(5 – 2a)2 =

(-3b – 2)2 =

(2b2 – 9)2 =

(-4a2 – 3b2)2 =

1. Doplňte chybějící údaje tak, aby platila rovnost:

(a + )2 = + 4ab +

( - 3v)2 = 4u2 - +

( - 5y)2 = - 30xy +

( - )2 = 49m2 - + n4

1. Zjednodušte:

(4 – a)(4 – a) =

(y + a)(y – a) – (y + a)2 =

(3 + y)2 – (y + 3)2 =

9(m – 2)2 – 16(2 – m)2 =

1. Rozložte na součin:

18xy2 – 21x2y =

3a + 3b + ax + bx =

7r(5v – 3u) + 3u – 5v =

4x2 – 4xy + y2 =

64a2b – 16a2b3 =

(7m – 5)2 – 9 =

49 – 16x2 =

x4y2 – 1 =

(3a + b)2 – c2 =

(0,3 – 4b)2 – 0,09 =

u2 – 24u + 144 =

9a2 + 42ab + 49b2 =

3h2 + 30h + 75 =

5y4 – 40y3 + 80y2 =

4m2k4 – 49m4k2 =