


Quadratzahl + doppelt-gemischtes Produkt + Quadratzahl


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

1.  $a^2 + 2a + 1 =$
2.  $4x^2 + 4x + 1 =$
3.  $9w^2 + 6w + 1 =$
4.  $a^2 + 4a + 4 =$
5.  $4v^2 + 12v + 9 =$
6.  $16x^2 + 40x + 25 =$
7.  $81z^2 + 144z + 64 =$
8.  $x^2 + 4xy + 4y^2 =$
9.  $4a^2 + 12ab + 9b^2 =$
10.  $9s^2 + 12st + 4t^2 =$
11.  $49x^2 + 126xy + 81y^2 =$
12.  $x^2 + 16x + 64 =$
  
13.  $x^2 + 14x + 49 =$
14.  $x^2 + 8x + 16 =$
15.  $x^2 + 12x + 36 =$
16.  $x^2 + 10x + 25 =$
17.  $x^2 + 4x + 4 =$
18.  $25x^2 + 30xy + 9y^2 =$
19.  $4x^2 + 12xy + 9y^2 =$
20.  $25x^2 + 70xy + 49y^2 =$
21.  $x^6 + 6x^3 + 9 =$
22.  $100x^2 + 40xy + 4y^2 =$
23.  $x^2 + 18xy + 81y^2 =$
24.  $25x^2 + 40xy + 16y^2 =$
25.  $9x^4 + 12x^2y^2 + 4y^4 =$