

## PRODOTTI NOTEVOLI

### QUADRATO DI UN BINOMIO

1.  $(a-b)^2 =$

$(x-4)^2 =$

2.  $\left(\frac{1}{2}x^2 + 2y\right)^2 =$

$(0,5x^3 + 2y)^2 =$

3.  $(4y-x)^2 =$

$\left(2b^{2m} + \frac{1}{2}a^n\right)^2 =$

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

$\left(-\frac{1}{3}xy^3 - 2y\right)^2 =$

5.  $\left(\frac{a}{3} - \frac{2x}{5}\right)^2 =$

$\left(x - \frac{4}{5}\right)^2 =$

6.  $(0,1x - 2xy)^2 =$

$(1-x^3)^2 =$

7.  $(0,2 - x^2)^2 =$

$(x^5 + x^3)^2 =$

8.  $(2 - x^4)^2 =$

$(1 - x^6)^2 =$

9.  $\left(-\frac{7}{2}a^3 - \frac{1}{14}ab^2\right)^2 =$

10.  $\left(-\frac{3}{4}xy + xy^5\right)^2 =$

11.  $\left(-\frac{1}{3}ab^3 - a^3b\right)^2 =$

12.  $(a - 2b)^2 =$

$\left(\frac{1}{2}x - 2y\right)^2 =$

13.  $(a^4 - 2a^3b)^2 =$

$(-3x^2 - 4xy^3)^2 =$

14.  $(2 - a^5)^2 =$

$(2x^3 + y)^2 =$

15.  $\left(2x^3y + \frac{1}{2}x\right)^2 =$

16.  $\left(-3a^2xy - \frac{1}{2}x^2\right)^2 =$

17.  $(2x^m - 3y^n)^2 =$

18.  $(x^n - 2y^m)^2 =$

19.  $\left(-\frac{1}{2}x^3a^4 + xa^2\right)^2 =$

20.  $\left(-\frac{3}{4}x^3 - y^2\right)^2 =$

21.  $(2a^{2n} - 3b^{3m})^2 =$

22.  $(3a^2b^n - a^3b^2)^2 =$

### QUADRATO DI UN POLINOMIO

23.  $(x^2 - y + 1)^2 =$
24.  $(a + 2b + c)^2 =$
25.  $(x + 3y - 4)^2 =$
26.  $(2 - 3x + y^2)^2 =$
27.  $(2x - 5x^2 + y)^2 =$
28.  $(0,1 x^2 + xy - 0,2)^2 =$
29.  $(5x^3 + 7x^2 + x)^2 =$
30.  $(1 - 3a + 2a^2)^2 =$
31.  $(1,3\bar{a}^3 - 0,1a - 1,3)^2 =$
32.  $(a^{n-1} + a^n + a^2)^2 =$
33.  $(a^{n-1} + a^{3n} - 1)^2 =$
34.  $(2x^2 + nx^n + x)^2 =$
35.  $(1 - x^{n-1} + x^{n+1})^2 =$
36.  $(a + 2b - 3c - 2ab)^2 =$
37.  $(x - 1 + x^2 - x^3)^2 =$

### ESPRESSIONI

38.  $(2a + b - 1)^2 - (2a - b - 1)^2 - 4b(2a - 1) =$
39.  $\left\{ \left[ \left( x^3 - 2xy^2 + \frac{5}{2}x^2y \right) : (-x) - y \left( y - \frac{5}{2}x \right) \right]^2 - (-y)^4 \right\} : \left( \frac{1}{2}x \right)^2 =$
40.  $(a^n + a^2 + 1)^2 - (a^n + 3a^2)^2 - 2a^n(1 - 2a^2) =$