



## Esercizi sulla somma algebrica di monomi

1.  $a + 2a =$  **[3a]**
2.  $-2x - x =$  **[-3x]**
3.  $-ab + 4ab =$  **[3ab]**
4.  $2b + 3b - 6b =$  **[-b]**
5.  $3a^2 - 5 + 6a^2 =$  **[9a^2 - 5]**
6.  $a - 2 + 3a - 1 =$  **[4a - 3]**
7.  $xy - 2xy + 6xy =$  **[5xy]**
8.  $-3 + xy + 6 - 5xy =$  **[-4xy + 3]**
9.  $3x - 6x + 15x - 9x =$  **[3x]**
10.  $2a^2 + 3b - 7b + 5a^2 =$  **[7a^2 - 4b]**
11.  $x^2 + 4x^2 + 6x^2 - 9x^2 =$  **[2x^2]**
12.  $5 + x^3 - 2x^3 - 5 + x^3 =$  **[0]**
13.  $3mn + 5 - 8mn - 2mn =$  **[-7mn + 5]**
14.  $a^2b + 3c - 5a^2b - 4c + c =$  **[-4a^2b]**
15.  $2x^4 - 2y - 4y + 3x^4 + 4y =$  **[5x^4 - 2y]**
16.  $-2xy - 6xy - 12xy + 24xy =$  **[4xy]**
17.  $3a^3 - 6b + 6 - 3b - 4a^3 - 4 =$  **[-a^3 - 9b + 2]**
18.  $2ab + 5 - 3c + 4 - 6ab + 4c =$  **[-4ab + c + 9]**
19.  $-5x + 4 + 2x - 20 + 4x + 15 =$  **[x - 1]**
20.  $-8 + 12a^3b - 16 - 12a^3b + 10 =$  **[-14]**
21.  $-6xy - 8z + 7z + 5xy - 7z + 2 =$  **[-xy - 8z + 2]**
22.  $m^2 + 3n + 5m^2 - 8n + 3 - 12 + n =$  **[6m^2 - 4n - 9]**
23.  $+3a - 6b^2 - 6a - 4b^2 + 10b^2 - 3a =$  **[-6a]**
24.  $-5a^3 + 2bc + 12 - 4bc + 4a^3 + 6bc =$  **[-a^3 + 4bc + 12]**
25.  $2a^2b + xy - 2bc - xy + 2xy + 4bc + xy =$  **[2a^2b + 3xy + 2bc]**
26.  $6ax + 3by - 5ax + 4 + 3by - 8 - 6by + 2 =$  **[ax - 2]**
27.  $4a^4 - 2b^2c + x - 4x + 6a^4 + 4b^2c + 6x - 8a^4 =$  **[2a^4 + 2b^2c + 3x]**
28.  $12x^4y^2 - 5z + 8x^4y^2 - 12z - 20x^4y^2 + 20z + z =$  **[4z]**
29.  $14abc + 6d^2 + 10abc - 5 - 4abc + 3d^2 - 8d^2 + 12 =$  **[20abc - d^2 + 7]**
30.  $22a^5b + 8c^4 + 16c^4 - 17a^5b - 12c^4 + 9a^5b - 32c^4 =$  **[14a^5b - 20c^4]**