



Esercizi sulla potenza di monomi

1. $(+3x)^2 =$ **$[9x^2]$**
2. $(-2a^3)^2 =$ **$[4a^6]$**
3. $(-y^2)^3 =$ **$[-y^6]$**
4. $(+2b^3)^3 =$ **$[8b^9]$**
5. $(-2ab)^2 =$ **$[4a^2b^2]$**
6. $(-3x^2)^3 =$ **$[-27x^6]$**
7. $(-4y^3)^3 =$ **$[-64y^9]$**
8. $(-a^6)^5 =$ **$[-a^{30}]$**
9. $(+2a^2c)^4 =$ **$[16a^8c^4]$**
10. $(-6by^5)^1 =$ **$[-6by^5]$**
11. $(-2m^2n^3)^5 =$ **$[-32m^{10}n^{15}]$**
12. $(-3x^4z)^4 =$ **$[81x^{16}z^4]$**
13. $(-a^4c^7)^0 =$ **$[1]$**
14. $(-9xy^3z^{10})^2 =$ **$[81x^2y^6z^{20}]$**
15. $(-a^4b^8)^4 =$ **$[a^{16}b^{32}]$**
16. $(-2a^6)^6 =$ **$[64a^{36}]$**
17. $(-n^5)^7 =$ **$[-n^{35}]$**
18. $(+5a^2bc^5)^3 =$ **$[+125a^6b^3c^{15}]$**
19. $(-6b^5y^4)^3 =$ **$[-216b^{15}y^{12}]$**
20. $(-x^3z)^9 =$ **$[-x^{27}z^9]$**
21. $(-2m^6n^5)^4 =$ **$[16m^{24}n^{20}]$**
22. $(+3x^9)^5 =$ **$[243x^{45}]$**
23. $(-2x^4y^5z^6)^7 =$ **$[-128x^{28}y^{35}z^{42}]$**
24. $(-3a^9c)^7 =$ **$[-2187a^{63}c^7]$**
25. $(-12mn)^3 =$ **$[-1728m^3n^3]$**
26. $(+2x^2y)^{10} =$ **$[1024x^{20}y^{10}]$**
27. $(-a^3c)^{21} =$ **$[-a^{63}c^{21}]$**
28. $(-20x^{15}y^{21})^3 =$ **$[-8000x^{45}y^{63}]$**
29. $(-4a^{17}b^{14}c^{13})^5 =$ **$[-1024a^{85}b^{70}c^{65}]$**
30. $(2x^{17}y^{14})^{12} =$ **$[4096x^{204}y^{168}]$**