

Realizar las siguientes operaciones combinadas con números naturales. Recuerda que debes respetar la jerarquía de las operaciones.

1. $8+3\cdot 2-4\cdot 2$
2. $10-2\cdot 3+5\cdot (7-3)$
3. $7+3\cdot [1+5-(6-3)]$
4. $3\cdot (12-7)-[15-2\cdot (7-4)]$
5. $(10-6):2+4\cdot 2-2\cdot 3$
6. $20-3\cdot (8-4):2$
7. $15\cdot 4-90:5-2\cdot (15-5)$
8. $3+(3+3\cdot 13):7$
9. $25:(11-6)+(40-22):6$
10. $10\cdot 9-8\cdot 7+6\cdot 5-4\cdot 3+2\cdot 1$
11. $3\cdot 5+4\cdot (5-2)-(14-3)\cdot 2$
12. $4\cdot [3+5\cdot (2+1)-4]+30:6$
13. $7\cdot (14-2)-4\cdot (5+7)+3\cdot 4$
14. $8\cdot (5+40:2)-4\cdot 30-20\cdot 2\cdot 2$
15. $40-[5\cdot 4-3\cdot (2+3)+5]\cdot 3$
16. $3\cdot (5+2\cdot 3-5)+4\cdot 3:2-(4+7)\cdot 2$
17. $30-5\cdot 8:4-[20:4+(8-6)\cdot 2-2\cdot 3]$
18. $3\cdot 40-120:3-(30+20-10\cdot 8:5)-5$
19. $[45-(3+1)\cdot 9]\cdot 2-3\cdot [(6-4)\cdot 2-2]$
20. $8\cdot 5-4\cdot (3+2)-40:8\cdot 3$
21. $9\cdot 25-[(5+4)\cdot 12+20\cdot 2]+320:4$
22. $[(2+3)\cdot 5+4\cdot (30:5+1)]\cdot 2-8\cdot 9$
23. $21-5\cdot (8-2\cdot 3)-[(3+1)\cdot 5-3\cdot 5]$
24. $32:4\cdot 2+(4+32)\cdot 3-(40-12)\cdot 4$
25. $[(7+5):3+4\cdot 2]\cdot 3-144:12$
26. $(14+7+28):7-[(10+2):3]:2$
27. $[18-(35-10):5]\cdot 2-(21:3-3)\cdot 4$
28. $[(4-3)\cdot 5+7\cdot 6+1]:6-15:5\cdot 2-2$
29. $3\cdot 5+16\cdot 3-4\cdot (13+7)+2\cdot 120:5-10$
30. $3\cdot 8+5\cdot (4+2)-40:5\cdot 3-5\cdot 4:2$
31. $40:4\cdot 5-3\cdot (4+8)-(10-3)\cdot 2$
32. $[(10-5)\cdot 7-4\cdot (7-2)]:5-6:2$
33. $(38-4-2):4+7\cdot [5\cdot 2-5\cdot (4-3)]$
34. $(3+4)\cdot 7+(2\cdot 3+1)\cdot [14:(5+2)-1]$
35. $35\cdot 4-(15+5)\cdot 5-(40-30)\cdot 2$
36. $[(4+5-2-1)\cdot (40-7\cdot 5)\cdot 10]:30+2$
37. $[(4+12)\cdot 3-7\cdot 6]\cdot (10:2+1)-25$
38. $(20-3\cdot 5)+14:(12-5)-(23-20)\cdot 2$
39. $(70-22):6-12\cdot 2:4+6\cdot (2\cdot 5-9)$
40. $2\cdot (6\cdot 4+1)+16-4\cdot (5+7)+(9-4)\cdot 3$
41. $3\cdot (15+\sqrt{25})^2-2\cdot (15-5)^2$
42. $5\cdot (\sqrt{16}-2)^2+(2^3-5)^2$
43. $560-2^2\cdot (34-24)^2$
44. $\sqrt{4}\cdot (3^2-3)+2^2\cdot (5^2-5)$
45. $(\sqrt{64}-\sqrt{25})^3+2\cdot (4-13)-\sqrt{16}\cdot (6-30)$
46. $3-2+\sqrt{81}\cdot (\sqrt{49}-3)^2$
47. $(\sqrt{100}-3)+2\cdot [5\cdot \sqrt{36}-(3^2-\sqrt{4})]$
48. $[(2-1)^5+2]\cdot [(3)^2-2]$
49. $(1+2\cdot \sqrt{49}-3^2-5)\cdot (1+3\cdot \sqrt{36}-17)$
50. $(\sqrt{81}-\sqrt{25})^2+2^3-\sqrt{7+9}$

Soluciones:

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| 1. 6 | 27. 10 |
| 2. 24 | 28. 0 |
| 3. 16 | 29. 21 |
| 4. 6 | 30. 20 |
| 5. 4 | 31. 0 |
| 6. 14 | 32. 0 |
| 7. 22 | 33. 43 |
| 8. 9 | 34. 56 |
| 9. 8 | 35. 20 |
| 10. 54 | 36. 12 |
| 11. 5 | 37. 11 |
| 12. 61 | 38. 1 |
| 13. 48 | 39. 8 |
| 14. 0 | 40. 33 |
| 15. 10 | 41. 2800 |
| 16. 2 | 42. 29 |
| 17. 17 | 43. 160 |
| 18. 41 | 44. 1672 |
| 19. 12 | 45. 9 |
| 20. 5 | 46. 167 |
| 21. 157 | 47. 11 |
| 22. 34 | 48. 231 |
| 23. 6 | 49. 2 |
| 24. 12 | 50. 20 |
| 25. 24 | |
| 26. 5 | |