Realiza las siguientes operaciones combinadas con números enteros:

1. $5\cdot 4-(1+2)$
2. $8+(-2)+3+5\cdot(-3)+(-7)$
3. $(12+15)-(3+2+1)-4-(1+2-6+7)$
4. $6-3\cdot 2+4\cdot 1-5+13-8:4-9\cdot 2:3-1$
5. $9:3-(-12):2-13:(-1)$
6. $10:(-5)-(-18):9-1+(-4):(-2)$
7. $18-\left[(3+6+9):(9-6)\right]$
8. $7+\left[4-(2+1)\right]+(12+4\cdot 2)$
9. $\left[(55-10)-(3\cdot 6\cdot 9)\right]:(-3)$
10. $\left[14-(-6)+(-6)\right]:\left[17+(-7)-3\right]$
11. $7+(4-5)-(-89)$
12. $\left[21:(7\cdot 3)\right]+4(5-1)$
13. $27-7-\left[(2\cdot 3):(3\cdot 2)\right]$
14. $5\left[3-(2-3)\right]\cdot 6-1$
15. $3-\left[-5\cdot 6-4\cdot(12:4-5\cdot 2)-24:3\right]$
16. $-7-(2-6)\cdot(-4)$
17. $2-3\cdot\left[-2+10-4\cdot(-1+3:3)-8\right]-2$
18. $9\cdot(-1)^3+6$
19. $\left[-6-(-2+4)-5\right]-\left[-8-(7-2)-6\right]$
20. $\left[(-8):(-2)-6:(2-5)\right]:\left[10:(-2)-3:(1-2)\right]$
21. $5\cdot 3+(-2)\cdot 2-(-1)\cdot 6$
22. $12:2-4:2-42:7-20:4$
23. $15:(-5)-(-18):(-2)+(-32):(-8)$
24. $(-3)\cdot(-4)-(-24):6-5\cdot 3$
25. $16-30:\left[6-2\cdot(3-1)+3\right]$
26. $\left[23+(-5)\right]:\left[12-3\cdot(-2)\right]$
27. $\left[-30+(-18)\right]:(-6)+\left[125-(-30)\right]:(-5)$
28. $\left[14-(-6)+(-6)\right]:\left[17+(-7)-3\right]$
29. $-4:(-2)(-1)+(-2)$
30. $-4-(-3)^2+9$
31. $\left[3\cdot(5-2)-10:2\right]\cdot\left[5\cdot(1-4)-(3-7)\right]$
32. $-4-3\cdot 5+12:3-2(5-2)$
33. $\left[2-(-5)-10+(-6)+12\right]^3$
34. $(-2)^3+3(4-18:6)(6-2-(-5)\cdot 2\cdot 4)$
35. $2-3\left[5-4(4-6)\right]+8^2:4$
36. $6:2:3+5\cdot 2\cdot 32-6(5-2+4-32\cdot 2)$
37. $12-\left[1-(-22+57)\right]$
38. $(6-2)\cdot\left[-5+2-8:4-3\cdot(2-3-6:2)\right]$
39. $-3-2\cdot\left[-9\cdot(5-4)-(-6)\right]$
40. $13-(4+8)-3\cdot 54$
41. $5-3\cdot\left[(1-4)\cdot(2-7+3)-5\cdot(-2+12:4)\right]$
42. $-3+3(5-(-4))$
43. $4\cdot\left[-10-2\cdot(5-14:7)-5\cdot(4-7)\right]$
44. $\left[3\cdot(2\cdot 3+5\cdot 4-3\cdot 7):(6:2+3\cdot 4-10)\right]$
45. $150-\left[18+(5-3)+(6-6)\right]$
46. $50-4\cdot 3+2\cdot 5-14:7$
47. $(-12-3-6):(4-3+2):(15+4-12)$
48. $5-5\cdot\left[(1-6)\cdot(12:3)-8\cdot(-4+18:9)\right]$
49. $9\cdot\left[15:(6-1)-(9-3):2\right]$
50. $\left[5-(-7-1)\cdot(-2)\right]+(-3)$
51. $\left[-12:(2-5)-3\cdot(8:2)\right]:\left[-8:(5-7)-16:(2-6)\right]$
52. $\left[(19-14):5+(30-22):4\right]\cdot 32:(4:2-5)$
53. $2+(-2)\cdot(-7)-\left[3\cdot(-4)-\left(2+(-8):2^2\right)\right]$
54. $(7-10)\cdot(2-5)\cdot\left[(8-4):(-3+5)-2\cdot(10:5)\right]$
55. $-4-2\cdot\left[-3-4:(6-4\cdot 2)-(8-2):(8-5\cdot 2)\right]$
56. $\left[3\cdot(7-2\cdot 4)+4:(1-3)\right]:\left[(2-7)\cdot(4-7):(-3)\right]$
57. $\left[-6\cdot(2-5)+5\cdot(4-7)\right]\cdot\left[(3-8)\cdot(2-5):(1-4)\right]$
58. $\left[(3\cdot 4-2\cdot 5)(1-5)\right]:\left[-3\cdot(5-7)-(1-3)\right]$
59. $5-3\cdot\left[2(4-1)-3(-1-5)-8:4-2\right]$
60. $-\left[3-(2-(-3))\right]-\left[4-(-5-(2-5)-2)\right]$
61. $4-\left[2\cdot(3-5)-(5-2)\cdot(-7+4:2)\right]$
62. $(7-5)\cdot\left[3-2-4:2-3\cdot(6-2-8:4)\right]$
63. $4-3\cdot\left[-2+5-3\cdot(-2-3:3)-10:2+3\right]$
64. $10:\left[(3-5)\cdot(2-4)+10:(-3-2)\right]$
65. $8:(3-5)-2\cdot\left[-3\cdot(1-4)-6:(1-3)\right]$
66. $2\cdot 3^2-4^2:2+3^2-(-1)^4$
67. $20+\left[3\cdot 4-\left(17-3\cdot 2^2\right)\right]\cdot 2$
68. $10+8\cdot 3^2-5\cdot\left(27-2^3\cdot 3\right)$
69. $19-\left[2\cdot\left(8-\left(29-3\cdot 2^3\right)\right)-4\right]$
70. $12-\left(2^2-10^2:5\right)+(-6)^2:4$

Soluciones:

1. 17
2. –13
3. 13
4. 3
5. 22
6. 1
7. 12
8. 28
9. 39
10. 2
11. 95
12. 17
13. 19
14. 119
15. 13
16. –23
17. 0
18. –3
19. 6
20. –3
21. 17
22. –7
23. –8
24. 1
25. 10
26. 1
27. –23
28. 2
29. –4
30. –4
31. –44
32. –21
33. 27
34. 124
35. –21
36. 663
37. 46
38. 28
39. 3
40. –161
41. 2
42. 24
43. –4
44. 3
45. 130
46. 46
47. –1
48. 25
49. 0
50. –14
51. –1
52. 32
53. 28
54. –18
55. –8
56. 1
57. –15
58. –1
59. –55
60. –6
61. –7
62. –14
63. –26
64. 5
65. –28
66. 18
67. 34
68. 67
69. 17
70. 37