

Espressioni con le quattro operazioni e le parentesi. Complete di soluzione guidata.
Arithmetic Expression with four operations and parenthesis.

1. $6 : 2 + 8 \cdot 4 - (3 + 2 + 1) \cdot 5$ [\[5\]
soluzione](#)
2. $(10 + 1 + 5) : 8 + (80 + 40) : 60$ [\[4\]
soluzione](#)
3. $(34 : 2 + 3 \cdot 3 - 5 \cdot 2 \cdot 2) : 6 - 1$ [\[0\]
soluzione](#)
4. $(7 + 4 + 3) - (8 + 2) + (11 + 6) : 17$ [\[5\]
soluzione](#)
5. $(28 : 7 + 1 - 4) \cdot 10 + (5 \cdot 8 - 40 : 2) - 15$ [\[15\]
soluzione](#)
6. $(2 + 5 \cdot 5) \cdot 2 - 18 \cdot 3$ [\[0\]
soluzione](#)
7. $15 - \{[27 - (50 - 32)] \cdot 5\} : 3 + 2$ [\[2\]
soluzione](#)
8. $1 - [(3 + 2 \cdot 20 - 4 \cdot 3) - (7 + 9 : 9) \cdot 4] : 7$ [\[0\]
soluzione](#)
9. $3 \cdot 2 + (8 : 4 + 9 : 3) \cdot 5 - (6 : 2 + 44 : 4) : 7$ [\[29\]
soluzione](#)
10. $(3 \cdot 2 - 5 \cdot 0 + 3 \cdot 3 - 17 : 17) \cdot 2 - 24 : 2$ [\[16\]
soluzione](#)
11. $(2 + 3 + 4 + 5) : 7 + (26 : 2 + 4 \cdot 2) : 21$ [\[3\]
soluzione](#)
12. $16 : (8 + 2 - 6) + 2 \cdot 6 + 6$ [\[22\]
soluzione](#)
13. $27 : (3 + 2 - 1 - 1) + 2 \cdot 6 + 9$ [\[3\]
soluzione](#)
14. $2 \cdot 7 + 16 : (9 - 6 + 1) - 10$ [\[8\]
soluzione](#)
15. $(2 + 5 + 3) : 2 + [(8 + 2) - (4 + 1)] : 5 - 1$ [\[5\]
soluzione](#)
16. $7 - 16 : 4 - [3 + (3 + 17) : 2 + 2] : 5$ [\[0\]
soluzione](#)
17. $(7 + 4 - 10) \cdot 4 + [8 + 6 - (15 - 2)] \cdot 6$ [\[1\]
soluzione](#)
18. $260 : 20 + 1350 : 9 + 840 : 20 - 5000 : 2500$ [\[203\]
soluzione](#)
19. $8 + 2 \cdot 3 - 5 \cdot 2 + (82 + 4 + 4) : (12 + 6 + 12) + 3$ [\[10\]
soluzione](#)

20. $5 \cdot (6 + 3 - 4) + 2 - 7 - (13 + 6 - 5)$ [\[6\]
soluzione](#)
21. $(44 + 22 + 11) : 11 - 2 \cdot 3$ [\[1\]
soluzione](#)
22. $1 + 2 \cdot 4 : [(6 \cdot 6 + 5 \cdot 44) : 64]$ [\[3\]
soluzione](#)
23. $5 \cdot (6 + 3 - 4) + 2 - 7 - (13 + 6 - 5) : (3 + 4) \cdot 5$ [\[1\]
soluzione](#)
24. $(7 - 4) : 3 + (2 + 8 \cdot 4 - 31)$ [\[3\]
soluzione](#)
25. $(14 \cdot 2) + 4 - 6 \cdot (12 - 10) - (1+8)$ [\[25\]
soluzione](#)
26. $(10 : 5 + 13) : (2 \cdot 6 - 9) + 5$ [\[10\]
soluzione](#)
27. $(34 : 17 + 39 : 13) \cdot (18 : 6 - 18 : 9) + 1$ [\[6\]
soluzione](#)

Soluzioni

$$\begin{aligned}
 & 6 : 2 + 8 \cdot 4 - (3 + 2 + 1) \cdot 5 = \\
 & = 3 + 32 - (5 + 1) \cdot 5 = \\
 & = 3 + 32 - 6 \cdot 5 = \\
 & = 3 + 32 - 30 = \\
 & = 35 - 30 = \mathbf{5}
 \end{aligned}$$



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$$\begin{aligned}
 & (10 + 1 + 5) : 8 + (80 + 40) : 60 = \\
 & = (11 + 5) : 8 + 120 : 60 = \\
 & = 16 : 8 + 2 = \\
 & = 2 + 2 = \mathbf{4}
 \end{aligned}$$

$$\begin{aligned}
 & (34 : 2 + 3 \cdot 3 - 5 \cdot 2 \cdot 2) : 6 - 1 = \\
 & = (17 + 9 - 10 \cdot 2) : 6 - 1 = \\
 & = (17 + 9 - 20) : 6 - 1 = \\
 & = (26 - 20) : 6 - 1 = \\
 & = 6 : 6 - 1 = \\
 & = 1 - 1 = \mathbf{0}
 \end{aligned}$$

$$\begin{aligned} & (\underline{7 + 4 + 3}) - (\underline{8 + 2}) + (\underline{11 + 6}) : 17 = \\ & = (\underline{11 + 3}) - 10 + \underline{17 : 17} = \\ & = \underline{14 - 10} + 1 = \\ & = \underline{4 + 1} = \mathbf{5} \end{aligned}$$

$$\begin{aligned} & (\underline{28 : 7 + 1 - 4}) \cdot 10 + (\underline{5 \cdot 8 - 40 : 2}) - 15 = \\ & = (\underline{4 + 1 - 4}) \cdot 10 + (\underline{40 - 20}) - 15 = \\ & = 1 \cdot 10 + 20 - 15 = \\ & = \underline{10 + 20} - 15 = \\ & = 30 - 15 = \mathbf{15} \end{aligned}$$

$$\begin{aligned} & (2 + \underline{5 \cdot 5}) \cdot 2 - \underline{18 \cdot 3} = \\ & = (\underline{2 + 25}) \cdot 2 - 54 = \\ & = \underline{27 \cdot 2} - 54 = \\ & = \underline{54 - 54} = \mathbf{0} \end{aligned}$$

$$\begin{aligned}
 & 15 - \{[27 - (50 - 32)] \cdot 5\} : 32 = \\
 & = 15 - \{[27 - 18] \cdot 5\} : 3 + 2 = \\
 & = 15 - \{9 \cdot 5\} : 3 + 2 = \\
 & = 15 - 45 : 3 + 2 = \\
 & = 15 - 15 + 2 = \\
 & = 0 + 2 = \mathbf{2}
 \end{aligned}$$

$$\begin{aligned}
 & 1 - [(3 + 2 \cdot 20 - 4 \cdot 3) - (7 + 9 : 9) \cdot 4] : 7 \\
 & = 1 - [(3 + 40 - 12) - (5 + 1) \cdot 4] : 7 = \\
 & = 1 - [(43 - 12) - 6 \cdot 4] : 7 = \\
 & = 1 - [31 - 24] : 7 = \\
 & = 1 - 7 : 7 = \\
 & = 1 - 1 = \mathbf{0}
 \end{aligned}$$

$$\begin{aligned}
 & 3 \cdot 2 + (8 : 4 + 9 : 3) \cdot 5 - (6 : 2 + 44 : 4) : 7 \\
 & \underline{3 \cdot 2} + (\underline{8 : 4} + \underline{9 : 3}) \cdot 5 - (\underline{6 : 2} + \underline{44 : 4}) : 7 = \\
 & = 6 + (\underline{2} + \underline{3}) \cdot 5 - (\underline{3} + \underline{11}) : 7 = \\
 & = 6 + 5 \cdot 5 - 14 : 7 = \\
 & = \underline{6} + \underline{25} - 2 = \\
 & = \underline{31} - 2 = \mathbf{[29]}
 \end{aligned}$$

$$\begin{aligned}
 & (\underline{3 \cdot 2} - \underline{5 \cdot 0} + \underline{3 \cdot 3} - \underline{17:17}) \cdot 2 - \underline{24:2} = \\
 & = (\underline{6 - 0} + 9 - 1) \cdot 2 - 12 = \\
 & = (\underline{6 + 9} - 1) \cdot 2 - 12 = \\
 & = (\underline{15 - 1}) \cdot 2 - 12 = \\
 & = \underline{14 \cdot 2} - 12 = \\
 & = \underline{28 - 12} = \mathbf{[16]}
 \end{aligned}$$

$$\begin{aligned}
 & (\underline{2 + 3} + 4 + 5) : 7 + (\underline{26 : 2} + 4 \cdot 2) : 21 = \\
 & = (\underline{5+9}) : 7 + (\underline{13 + 8}) : 21 = \\
 & = \underline{14 : 7} + \underline{21 : 21} = \\
 & = \underline{2 + 1} = \mathbf{[3]}
 \end{aligned}$$

$$\begin{aligned}
 & 16 : (\underline{8 + 2} - 6) + \underline{2 \cdot 6} + 6 = \\
 & = 16 : (\underline{10 - 6}) + 12 + 6 = \\
 & = \underline{16 : 4} + 12 + 6 = \\
 & = \underline{4 + 12} + 6 = \\
 & = 16 + 6 = \mathbf{[22]}
 \end{aligned}$$

$$\begin{aligned}
 & 27 : (3 + 2 - 1 - 1) + 2 \cdot 6 + 9 = \\
 & = 27 : (5 - 1 - 1) + 12 + 9 = \\
 & = 27 : (4 - 1) + 12 + 9 = \\
 & = 27 : 3 + 12 + 9 = \\
 & = 9 + 12 + 9 = \\
 & = 21 + 9 = \mathbf{[30]}
 \end{aligned}$$

$$\begin{aligned}
 & 2 \cdot 7 + 16 : (9 - 6 + 1) - 10 = \\
 & = 14 + 16 : (3 + 1) - 10 = \\
 & = 14 + 16 : 4 - 10 = \\
 & = 14 + 4 - 10 = \\
 & = 18 - 10 = \mathbf{[8]}
 \end{aligned}$$

$$\begin{aligned}
 & (2 + 5 + 3) : 2 + [(8+2) - (4+1)] : 5 - 1 = \\
 & = (7 + 3) : 2 + [10 - 5] : 5 - 1 = \\
 & = 10 : 2 + 5 : 5 - 1 = \\
 & = 5 + 1 - 1 = \mathbf{[5]}
 \end{aligned}$$

$$\begin{aligned}
 & 7 - \underline{16 : 4} - [3 + (\underline{3 + 17}) : 2 + 2] : 5 = \\
 & = 7 - 4 - [3 + \underline{20 : 2} + 2] : 5 = \\
 & = 7 - 4 - [\underline{3 + 10} + 2] : 5 = \\
 & = 7 - 4 - [\underline{13 + 2}] : 5 = \\
 & = 7 - 4 - \underline{15 : 5} = \\
 & = \underline{7 - 4} - 3 = \\
 & = \underline{3 - 3} = \mathbf{[0]}
 \end{aligned}$$

$$\begin{aligned}
 & (\underline{7 + 4} - 10) \cdot 4 + [8 + 6 - (\underline{15 - 2})] \cdot 6 = \\
 & = (\underline{11 - 10}) \cdot 4 + [\underline{8 + 6} - 13] \cdot 6 = \\
 & = \underline{1 \cdot 4} + [\underline{14 - 13}] \cdot 6 = \\
 & = 4 + \underline{1 \cdot 6} = \\
 & = \underline{4 + 6} = \mathbf{10}
 \end{aligned}$$

$$\begin{aligned}
 & \underline{260 : 20} + \underline{1350 : 9} + \underline{840 : 20} - \underline{5000 : 2500} = \\
 & = \underline{13 + 150} + 42 - 2 = \\
 & = \underline{163 + 42} - 2 = \\
 & = \underline{205 - 2} = \mathbf{203}
 \end{aligned}$$

$$\begin{aligned}
 & 8 + \underline{2 \cdot 3} - \underline{5 \cdot 2} + (\underline{82+4+4}) : (\underline{12+6+12}) + 3 = \\
 & = \underline{8 + 6} - 10 + (\underline{86+4}) : (\underline{18+12}) + 3 = \\
 & = \underline{14 - 10} + 90 : 30 + 3 = \\
 & = \underline{4 + 3} + 3 = \\
 & = \underline{7 + 3} = \mathbf{10}
 \end{aligned}$$

$$\begin{aligned}
 & 5 \cdot (\underline{6 + 3} - 4) + 2 - 7 - (\underline{13 + 6} - 5) = \\
 & = 5 \cdot (\underline{9 - 4}) + 2 - 7 - (\underline{19 - 5}) = \\
 & = \underline{5 \cdot 5} + 2 - 7 - 14 = \\
 & = 25 + 2 - 7 - 14 = \\
 & = 27 - 7 - 14 = \\
 & = 20 - 14 = \mathbf{6}
 \end{aligned}$$

$$\begin{aligned}
 & (\underline{44 + 22} + 11) : 11 - 2 \cdot 3 = \\
 & = (\underline{66 + 11}) : 11 - 6 = \\
 & = \underline{77 : 11} - 6 = \\
 & = \underline{7 - 6} = \mathbf{1}
 \end{aligned}$$

$$\begin{aligned}
 & 1 + \underline{2 \cdot 4} : [(\underline{6 \cdot 6} + \underline{5 \cdot 44}) : 64] = \\
 & = 1 + 8 : [(\underline{36} + \underline{220}) : 64] = \\
 & = 1 + 8 : [\underline{256} : 64] = \\
 & = 1 + \underline{8 : 4} = \\
 & = \underline{1 + 2} = \mathbf{3}
 \end{aligned}$$

$$\begin{aligned}
 & 5 \cdot (\underline{6 + 3} - 4) + 2 - 7 - (\underline{13 + 6} - 5) : (\underline{3 + 4}) \cdot 5 = \\
 & = 5 \cdot (\underline{9} - 4) + 2 - 7 - \underline{14} : \underline{7} \cdot 5 = \\
 & = \underline{5 \cdot 5} + 2 - 7 - \underline{2 \cdot 5} = \\
 & = \underline{25} + \underline{2} - 7 - 10 = \\
 & = \underline{27} - 7 - 10 = \\
 & = \underline{20} - 10 = \mathbf{10}
 \end{aligned}$$


$$\begin{aligned}
 & (7 - 4) : 3 + (2 + 8 \cdot 4 - 31) = \\
 & = 3 : 3 + (2 + 32 - 31) = \\
 & = 1 + (34 - 31) = \\
 & = 1 + 3 = \mathbf{3}
 \end{aligned}$$

$$\begin{aligned}(14 \cdot 2) + 4 - 6 \cdot (12 - 10) - (1+8) &= \\= 28 + 4 - 6 \cdot 2 - 9 &= \\= 32 - 12 - 9 &= \\= 20 - 9 &= \mathbf{11}\end{aligned}$$


$$\begin{aligned}(10 : 5 + 13) : (2 \cdot 6 - 9) + 5 &= \\= (2 + 13) : (12 - 9) + 5 &= \\= 15 : 3 + 5 &= \\= 5 + 5 &= \mathbf{10}\end{aligned}$$


$$\begin{aligned}(34 : 17 + 39 : 13) \cdot (18 : 6 - 18 : 9) + 1 &= \\= (2 + 3) \cdot (3 - 2) + 1 &= \\= 5 \cdot 1 + 1 &= \\= 5 + 1 &= \mathbf{6}\end{aligned}$$

Keywords

 *Matematica, Aritmetica, espressioni, Espressioni aritmetiche, N, addizione, sottrazione, moltiplicazione, divisione, esercizi con soluzioni, ordine operazioni, parentesi, parentesi tonde, parentesi quadre, parentesi graffe*

 *Math, Arithmetic, Expression, Arithmetic Operations, Addition, Subtraction, Multiplication, Division, Solved expressions*

 *Matemática, Aritmética, Adición, Expresiones, Resta, Sustracción, Suma, Adición, Multiplicación, División*

 *Mathématique, Arithmétique, Expression, Addition, Soustraction, Exercices de calcul et expression, Multiplication, Division*

 *Mathematik, Arithmetik, Subtraktion, Addition, Multiplikation, Division, Expression*