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|---|-------------------------------------|---|------------------------------|---|---|
| ① | $12:2:3+2(2\cdot3+1)$ | ② | $5\cdot13\cdot2-(9:3-1)$ | ③ | $(6\cdot3-10)(8:2+1)$ |
| ④ | $6\cdot7+4\cdot2-4\cdot5$ | ⑤ | $2(17-3(28:14+1))+1$ | ⑥ | $(6\cdot7+2):(3\cdot4-1)\cdot(7-4)$ |
| ⑦ | $90:3:10+90:10:3$ | ⑧ | $2\cdot15\cdot3-10:2\cdot5$ | ⑨ | $(4\cdot3+1):(2\cdot8-3)$ |
| ⑩ | $3(4+5(7-5))-(18-3):5$ | ⑪ | $8\cdot15+78\cdot2-12\cdot3$ | ⑫ | $(25+75):4-17:(15+2)$ |
| ⑬ | $19\cdot7+6(12\cdot4-7)$ | ⑭ | $(22+4\cdot(5+8)):2$ | ⑮ | $100:(4\cdot6+1)$ |
| ⑯ | $1000-3\cdot4+5\cdot3(9-2)$ | ⑰ | $88:8-88:11+8\cdot11$ | ⑱ | $(19-9):2+(1+7\cdot2):5$ |
| ⑲ | $(24:6-1):(8:4+1)$ | ⑳ | $2(3(4(5\cdot6+1)+2)+3)$ | ㉑ | $3600:(3\cdot5+1):(4\cdot6+1)$ |
| ㉒ | $2\cdot33\cdot5-5\cdot23\cdot2$ | ㉓ | $80:8\cdot3+2(5\cdot7-2)$ | ㉔ | $18:2:1:1+18\cdot2\cdot1\cdot1$ |
| ㉕ | $3\cdot3+2\cdot2\cdot2$ | ㉖ | $3\cdot(3+2)\cdot2\cdot2$ | ㉗ | $(3\cdot3)(3\cdot3)$ |
| ㉘ | $(3\cdot3+2)(3\cdot3-2)$ | ㉙ | $6(5(3(81:3-1)-2)-3)$ | ㉚ | $199+18\cdot7+1$ |
| ㉛ | $19(6\cdot7-39)-9(5\cdot4-18)$ | ㉜ | $(7\cdot8+1):3:(4\cdot5-19)$ | ㉝ | $19\cdot7:19$ |
| ㉞ | $3\cdot(14-8+13)$ | ㉟ | $3\cdot14-3\cdot8+3\cdot13$ | ㊱ | $(8:4+13)(28:4-1)$ |
| ㊲ | $(9\cdot9+9):(2\cdot6-2)\cdot(2+9)$ | ㊳ | $15(19-17):3$ | ㊴ | $8\cdot7\cdot2+8\cdot2\cdot7+7\cdot2\cdot8$ |
| ㊵ | $3\cdot8\cdot7\cdot2$ | ㊶ | $7(18:2+1)-3(56:8-2)$ | ㊷ | $4(2+35:7)+5(1+49:7)$ |
| ㊸ | $8(17\cdot2-16)-(3\cdot9-1):2$ | ㊹ | $21\cdot8:21$ | ㊺ | $(4\cdot3+7\cdot6-4):10$ |
| ㊻ | $70\cdot9+7(8:2+1)$ | ㊼ | $(9\cdot8-2):(15\cdot4-53)$ | ㊽ | $33-2(56:7+1)$ |
| ㊾ | $44:2+66:(22:2)-2\cdot3$ | ㊿ | $((55+22):11+8):(7-2)$ | ① | $200:(20:10):(10:2):4$ |
| ② | $(105:5:3)(7\cdot7+1)$ | ③ | $(19-8\cdot2)(18:2+1):3$ | ④ | $5(1+(5\cdot8+2):(3\cdot5-1))$ |
| ⑤ | $256-495:5:9+23\cdot3$ | ⑥ | $40:(20:(10:(5-3)))$ | ⑦ | $128:(2:2)-256:2:2:2$ |
| ⑧ | $2(19-11)+(7\cdot7+1):5$ | ⑨ | $4(18-15:5)-3(1+8:4)$ | ⑩ | $3(18-(1+14:2))$ |
| ⑪ | $(16:2:2-1)5-2(18:2-3)$ | ⑫ | $(8:2:2-1)(5-2)(8:2-3)$ | ⑬ | $19+2(13-3(6:3+1))$ |
| ⑭ | $7(18-3)+15(54:9+2)$ | ⑮ | $100:(10:5)-100:10:5$ | ⑯ | $100:(12:(10:5+1))$ |
| ⑰ | $4(1+5(7+8))-(95-4):7$ | ⑱ | $3(48:6-1)+5(3+36:2)$ | ⑲ | $99:(11\cdot3)+99:11\cdot3$ |
| ⑳ | $88:11\cdot4-88:(11\cdot4)$ | ㉑ | $500-3(28:4+11\cdot3)$ | ㉒ | $2(7+12:2)+3(24:6-1)$ |
| ㉓ | $250-(3\cdot16-88:4):2$ | ㉔ | $(16-8):4+48:(6-2)$ | ㉕ | $(16-8)\cdot(2+48)(6-2)$ |

Soluciones

| | | | | | |
|---|------|---|------|---|------|
| ① | 18 | ② | 128 | ③ | 40 |
| ④ | 30 | ⑤ | 17 | ⑥ | 12 |
| ⑦ | 6 | ⑧ | 65 | ⑨ | 1 |
| ⑩ | 39 | ⑪ | 240 | ⑫ | 24 |
| ⑬ | 379 | ⑭ | 37 | ⑮ | 4 |
| ⑯ | 1093 | ⑰ | 91 | ⑱ | 8 |
| ⑲ | 1 | ⑳ | 762 | ㉑ | 9 |
| ㉒ | 100 | ㉓ | 96 | ㉔ | 45 |
| ㉕ | 17 | ㉖ | 60 | ㉗ | 81 |
| ㉘ | 77 | ㉙ | 2262 | ㉚ | 326 |
| ㉛ | 39 | ㉜ | 5 | ㉝ | 7 |
| ㉞ | 57 | ㉟ | 57 | ㊱ | 90 |
| ㊲ | 110 | ㊳ | 10 | ㊴ | 336 |
| ㊵ | 336 | ㊶ | 55 | ㊷ | 90 |
| ㊸ | 131 | ㊹ | 8 | ㊺ | 5 |
| ㊻ | 665 | ㊼ | 10 | ㊽ | 15 |
| ㊾ | 22 | ㊿ | 3 | ① | 5 |
| ② | 350 | ③ | 10 | ④ | 20 |
| ⑤ | 314 | ⑥ | 10 | ⑦ | 96 |
| ⑧ | 26 | ⑨ | 51 | ⑩ | 30 |
| ⑪ | 3 | ⑫ | 3 | ⑬ | 27 |
| ⑭ | 225 | ⑮ | 48 | ⑯ | 25 |
| ⑰ | 291 | ⑱ | 96 | ⑲ | 30 |
| ⑳ | 30 | ㉑ | 380 | ㉒ | 35 |
| ㉓ | 237 | ㉔ | 14 | ㉕ | 1600 |