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逆算の総合問題集①

1. $\square \times \frac{2}{3} = \frac{3}{5}$

2. $(4 + \square) \times 4 + 4 = 44$

3. $(\square \times 3 + 7) + 14 = 54$

4. $\square \times \square = 961$ (\square には同じ数が入ります)

5. $\square \times 2012 \div 4 - 1500 = 9$

6. $4.8 \times 4 - \square \div 5 = 8.4 \div 0.7$

7. $7 - (8 \times \square - 10) + 11 = 12$

8. $42 - (5 \times 8 - \square \div 3) = 13$

9. $4 \div (\square \times 2 + 6) + 5 = 9$

10. $20 - (\square + 13) \times 8 = 55$

11. $\square g$ の60%は0.3kgです。

12. $7.6 - 2.4 \times (4.8 - \square) = 1.6$

13. $2 \times 11 + 8 \times 11 - \square \div 2 = 160$

14. $4 \div (3 - \square \div 21 - 2) = 14$

15. $(\frac{3}{5} \times \square - 4) \div 0.4 - 1.5 = 11$

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$$16. 2 \div 0.5 \times (2013 \div \square - 1) = 0.125$$

$$17. 0.31t - 17.5kg + \square g = 295kg$$

$$18. 4 \times 1863 - (160 + \square \div 12) = 2012$$

$$19. 18 \times 11 + 21 \times 22 + 24 \times 33 + \square \times 33 = 2013$$

$$20. 2 \div (20 - \square \div 5) \times 4 = 24$$

$$21. (\square \times 0.24 + 2) \div 6 - 3\frac{1}{3} = 12$$

$$22. \frac{13}{15} + 1.4 \times \square - \frac{2}{3} = 3$$

$$23. (\frac{2}{3} - \square) \times 2\frac{2}{5} = \frac{2}{3}$$

$$24. \frac{1}{\square} - 0.25 = \frac{1}{12}$$

$$25. \frac{5}{18} \div \square - 24 \times \frac{1}{36} = \frac{7}{12}$$

$$26. (2 \div 3 - \square \div \frac{3}{4} - \frac{1}{6}) \times 3 = 1$$

$$27. (2.01 \times 5 - 6.03 \times \square + 14.07) \div 10 = 2.01$$

$$28. \frac{5}{3} \div \square - 4 \times 0.125 = 7$$

$$29. 12 \times 7 - (35 + \square) \div 4 - 2 = 59$$

$$30. 36 - 26 - 4 \times (7 - \square) = 26$$

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$$31. 2 \div 1 - \left(\frac{4}{3} - \square\right) - 5 = 0.25$$

$$32. 2 - 1.6 - \left(1\frac{1}{6} - \frac{2}{3}\right) \times \square = 1$$

$$33. \left(\frac{5}{9} - \square\right) \times 2.25 + \frac{1}{2} = 1\frac{1}{4}$$

$$34. \frac{1}{15} + \square \times 0.375 \div \frac{3}{4} = 0.1$$

$$35. 17 \times 17 + 38 + 3 \times \square = 351$$

$$36. 2 \div \left(1\frac{1}{4} + 2\frac{1}{4} \div \square\right) = 1$$

$$37. \frac{2}{15} + \left(\frac{2}{3} \times \square - \frac{2}{5}\right) = \frac{2}{3}$$

$$38. \frac{6}{7} - \left(1\frac{1}{5} - \frac{2}{3}\right) \div \square = \frac{2}{5} \div 2.1$$

$$39. \square \times \square \times 0.8 \div 5 = 1 \quad (\square \text{には同じ数が入ります})$$

$$40. 2\frac{1}{2} \times 1\frac{1}{3} + 5\frac{5}{8} \div 1.25 - \square = 7.5$$

$$41. 6 \times 4 + 2 \times (\square + 1) \div 3 \div 5 - 7 = 9$$

$$42. \square g \times 1.9 = 7.6 kg$$

$$43. 8 - 4 \div \left(2\frac{1}{3} - \square \div 2\right) = 2\frac{2}{3}$$

$$44. 710 cm^2 + \square dL = 1L$$

$$45. \square + \square + \square = 42 \quad (\square \text{には連続する整数が入ります})$$

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46. $10 \times 6 - (10 + 15 \times \square) \div 5 = 52$

47. $3 \times \square + 4 \times \square + 5 = 61$ (□には同じ数が入ります)

48. $11 \times 7 - (12 + \square \times 5) \div 7 = 66$

49. $(\frac{1}{6} + \frac{1}{2}) \times \square - \frac{1}{3} = 1$

50. 12時間46分32秒 - □時間□分□秒 = 4時間32分40秒

51. $\square \div (0.4 - \frac{1}{8} + \frac{3}{5}) = 1\frac{1}{7}$

52. $(\square \div \frac{1}{3} + 6) \times 1.4 - 3 = 60$

53. $\frac{2}{3} \times (\frac{1}{4} + 2\frac{3}{5} \times \square) = \frac{3}{5}$

54. $(1.125 - \frac{7}{8} \div \square) \times 2\frac{4}{5} = 3$

55. $(36 - \square \times 4\frac{8}{9}) \div 5\frac{3}{5} = 2\frac{1}{2}$

56. $1.4 \div 7\frac{1}{5} \div (\frac{5}{8} - \frac{8}{15} \div \square) = \frac{2}{3}$

57. $1\frac{2}{5} \div 0.14 - 2.1 \times \frac{3}{7} \div \square - \frac{5}{4} \times 0.24 = 1$

58. $(0.375 \times \frac{1}{3} + 0.5 \times \frac{1}{4}) \div 2.4 \div \square = \frac{5}{24}$

59. $2 + 4\frac{4}{5} \times (\frac{5}{6} - \square) \times \frac{1}{3} + \frac{1}{5} = 1$

60. $\frac{1}{3} + (\frac{1}{5} \times \square - \frac{1}{7}) \div 2\frac{3}{5} = \frac{8}{21}$

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$$61. \frac{1}{12} + (\square - \frac{1}{3}) \div 1\frac{13}{35} \times 2.5 = 1\frac{2}{3}$$

$$62. \frac{9}{16} + 0.85 \div (3\frac{1}{6} - \square) = 1.2$$

$$63. (\frac{4}{5} + \square \times \frac{6}{7}) \div \frac{2}{5} - \frac{5}{7} \div \frac{8}{3} \times \frac{1}{3} = \frac{3}{7}$$

$$64. (4 \times 1\frac{1}{5} - 2 \div 3\frac{1}{3}) \times \square + \frac{2}{5} = 2\frac{1}{2}$$

$$65. \square \text{ kg} \times 6 + 1800\text{g} = 16.2\text{kg}$$

$$66. 6\frac{4}{5} - \frac{1}{6} \div (\square - \frac{1}{3}) \times 1\frac{1}{5} = 2$$

$$67. \frac{7}{16} \div (\square - \frac{7}{12}) \div 5.25 = \frac{1}{3}$$

$$68. \frac{2}{5} \times 1.5 - 0.27 \div \square \times \frac{2}{3} = \frac{1}{2}$$

$$69. \frac{(\square + 10)}{(\square - 10)} = 1\frac{5}{14} \quad (\square \text{には同じ数が入ります})$$

$$70. 2\frac{1}{3} \div 1 \div 1\frac{1}{2} - (\square - \frac{1}{4}) \times 1\frac{1}{3} = 6$$

$$71. 2\frac{8}{11} - (\square + \frac{1}{3}) \times \frac{21}{22} = \frac{1}{2}$$

$$72. (2.75 - 2\frac{2}{3}) \times \square - \frac{3}{5} \div 2 = 1\frac{7}{10} - 1.5$$

$$73. 3\frac{1}{3} + 0.875 \times \frac{4}{21} - (\square - 1.2) \div 1\frac{1}{15} = \frac{1}{8}$$

$$74. 7.21 \times 5.67 + \square \times 17.01 + 1.23 \times 11.34 = 56.7$$

$$75. (4 - \frac{1}{3} \times \square) \div \frac{5}{8} - (\frac{1}{6} + 2) = 0.5$$

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$$76. \quad 1\frac{1}{2} \times \square \times \left(\frac{11}{15} - \frac{1}{3}\right) + \frac{2}{3} = 1\frac{3}{4}$$

$$77. \quad 21 \div [1 + 1 \div 1 \div (1 + 1 \div \square)] = 9$$

$$78. \quad 1 \div 1 - \left(\frac{2}{3} - \frac{1}{4}\right) \div \square \times 0.5 - \frac{3}{5} \div 0.7 = \frac{2}{7}$$

$$79. \quad \frac{1}{3} \div \left(2\frac{3}{5} \div \square - 1.125\right) + 0.125 \div \frac{3}{8} = 1$$

$$80. \quad 0.24 \times \left(3\frac{3}{5} - 7.2 \times \square\right) - 0.4 = \frac{2}{25}$$

$$81. \quad 0.775 - \frac{1}{11} \times (1.2 - \square) \div \frac{1}{7} = \frac{3}{8}$$

$$82. \quad (9.4 - 2.4 \div \square) \times 1\frac{17}{28} + 1.05 = 3\frac{3}{10}$$

$$83. \quad 0.39 \times \left(2\frac{1}{3} \div 14 + \square\right) + 2\frac{1}{25} = 2.3$$

$$84. \quad 2.3 \div \left(\frac{11}{\square} + 1.2\right) - 0.5 = \frac{3}{17}$$

$$85. \quad \left(\square - \frac{4}{15}\right) \times 0.375 - \frac{1}{5} \times \frac{2}{3} = 0.45$$

$$86. \quad \frac{7}{12} \times 3\frac{1}{5} - 2\frac{1}{3} \div 1\frac{3}{4} \div \square = 1\frac{1}{3}$$

$$87. \quad 1\frac{1}{4} \div \square - \left(1\frac{3}{8} + 0.25\right) \times \frac{4}{11} = 1$$

$$88. \quad 0.625 \times 0.3 + 3\frac{3}{4} \times (2.3 - \square) = 4\frac{1}{2}$$

$$89. \quad 2 \times 3\frac{1}{2} - \left(1\frac{3}{7} - \square\right) \div 1.25 = 6.2$$

$$90. \quad 0.34 \times 1.25 - (0.171 \div 0.45 - \square \times 1.46) = 0.41$$

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$$91. \quad 0.5 + \frac{1}{14} + (\square - \frac{1}{8}) \times 2\frac{2}{3} - \frac{1}{3} \div 1\frac{1}{6} = 1\frac{1}{7}$$

$$92. \quad 2 \div (0.125 + \frac{1}{4} - \frac{1}{6}) - 1.44 \times \square \div \frac{1}{3} = 27$$

$$93. \quad .5 \times \square + 5.7 \times 3330 + 3.8 \times 555 = 1.9 \times 12345$$

$$94. \quad (4\frac{1}{5} - 1.6 \div 2 \times \square) \div \frac{2}{5} = 9\frac{7}{10}$$

$$95. \quad 3.75 - (1\frac{1}{9} - \frac{5}{6}) \div (\frac{7}{9} - \square) \div 3.5 = \frac{5}{14}$$

$$96. \quad 3\frac{2}{5} - 0.125 \times (2.25 \times 1\frac{2}{5} - 1.65 \times \square) = 3.1$$

$$97. \quad \frac{\square}{2013} - \frac{1}{33} = (\frac{2}{61} + \frac{3}{11}) \times \frac{1}{41}$$

$$98. \quad 3\frac{1}{2} \times (2.5 - 0.75 \times \square) - 3\frac{3}{4} \div 0.875 = 3\frac{5}{7}$$

$$99. \quad (3\frac{7}{15} + \square \times 2.2) \times (1\frac{23}{35} - 1.2) + \frac{1}{7} = 4\frac{1}{3}$$

$$100. \quad (\frac{1}{11} - \frac{1}{183}) \div 43 = (\frac{1}{\square} - \frac{1}{671}) \div 167$$