

Zlomky – kombinované příklady

Meno: _____

Trieda: _____

Strana 1

1. $\frac{6}{7} + \frac{1}{2} : \frac{1}{3} =$

2. $\frac{1}{4} : \left(\frac{1}{2} + \frac{1}{2} \right) =$

3. $\frac{1}{3} + \frac{1}{4} : \frac{5}{7} =$

4. $\frac{3}{4} + \frac{5}{7} : \frac{1}{5} =$

5. $\frac{1}{3} \cdot \left(\frac{1}{9} + \frac{1}{4} \right) =$

6. $\frac{1}{4} \cdot \left(\frac{3}{4} + \frac{1}{3} \right) =$

7. $\frac{1}{2} : \left(\frac{1}{3} + \frac{1}{6} \right) =$

8. $\frac{3}{4} : \frac{2}{5} + \frac{2}{3} =$

$$9. \left(\frac{6}{7} - \frac{1}{2} \right) : \frac{3}{5} =$$

$$10. \left(\frac{4}{5} + \frac{1}{3} \right) : \frac{7}{8} =$$

$$11. \frac{1}{2} \cdot \frac{1}{2} + \frac{2}{3} =$$

$$12. \frac{2}{3} \cdot \left(\frac{4}{5} + \frac{4}{7} \right) =$$

$$13. \frac{3}{4} : \frac{1}{9} + \frac{1}{4} =$$

$$14. \frac{1}{2} : \left(\frac{3}{4} - \frac{2}{3} \right) =$$

$$15. \frac{2}{9} \cdot \left(\frac{5}{6} + \frac{2}{3} \right) =$$

$$16. \frac{7}{8} + \frac{1}{2} : \frac{3}{4} =$$

$$17. \frac{1}{2} : \frac{2}{3} + \frac{2}{5} =$$

$$18. \frac{5}{6} - \frac{2}{5} : \frac{1}{2} =$$

$$19. \frac{2}{3} : \frac{2}{3} - \frac{2}{3} =$$

$$20. \frac{1}{2} + \frac{1}{9} : \frac{1}{3} =$$

$$21. \left(\frac{1}{4} + \frac{5}{6} \right) \cdot \frac{1}{9} =$$

$$22. \frac{3}{5} : \frac{1}{3} - \frac{3}{8} =$$

$$23. \frac{1}{3} + \frac{3}{5} : \frac{1}{2} =$$

$$24. \frac{3}{7} + \frac{5}{7} : \frac{2}{7} =$$

$$25. \left(\frac{5}{8} + \frac{1}{2} \right) : \frac{1}{4} =$$

$$26. \frac{1}{2} + \frac{5}{7} \cdot \frac{1}{2} =$$

$$27. \frac{2}{9} \cdot \left(\frac{1}{2} + \frac{1}{4} \right) =$$

$$28. \frac{8}{9} \cdot \left(\frac{2}{5} + \frac{3}{7} \right) =$$

$$29. \frac{5}{7} : \frac{3}{4} - \frac{2}{3} =$$

$$30. \frac{1}{2} : \frac{3}{4} + \frac{7}{8} =$$

$$31. \frac{1}{2} \cdot \left(\frac{3}{4} + \frac{1}{2} \right) =$$

$$32. \left(\frac{5}{9} + \frac{7}{8} \right) : \frac{1}{2} =$$

$$33. \frac{1}{4} + \frac{1}{4} \cdot \frac{3}{8} =$$

$$34. \frac{2}{9} \cdot \left(\frac{3}{4} + \frac{8}{9} \right) =$$

$$35. \left(\frac{4}{9} - \frac{1}{4} \right) \cdot \frac{1}{2} =$$

$$36. \frac{1}{2} : \frac{2}{3} + \frac{1}{5} =$$

$$37. \frac{2}{3} + \frac{3}{4} : \frac{1}{2} =$$

$$38. \frac{3}{4} \cdot \left(\frac{3}{5} - \frac{1}{5} \right) =$$

$$39. \frac{1}{3} + \frac{1}{2} \cdot \frac{3}{8} =$$

$$40. \frac{1}{2} : \left(\frac{2}{3} - \frac{1}{3} \right) =$$

$$41. \frac{2}{3} : \left(\frac{1}{2} + \frac{1}{6} \right) =$$

$$42. \frac{1}{2} : \frac{2}{3} - \frac{1}{5} =$$

$$43. \frac{5}{8} : \frac{1}{2} - \frac{5}{6} =$$

$$44. \frac{6}{7} - \frac{1}{2} \cdot \frac{2}{3} =$$

$$45. \frac{7}{9} - \frac{6}{7} \cdot \frac{4}{5} =$$

$$46. \left(\frac{4}{5} - \frac{2}{9} \right) \cdot \frac{1}{3} =$$

$$47. \frac{5}{9} : \left(\frac{2}{3} + \frac{1}{2} \right) =$$

$$48. \left(\frac{1}{3} + \frac{1}{4} \right) \cdot \frac{3}{4} =$$

$$49. \frac{1}{2} + \frac{3}{7} \cdot \frac{3}{4} =$$

$$50. \frac{1}{3} : \left(\frac{2}{3} - \frac{5}{9} \right) =$$

$$51. \frac{1}{2} : \frac{6}{7} + \frac{1}{2} =$$

$$52. \frac{3}{4} : \left(\frac{1}{2} + \frac{1}{2} \right) =$$

$$53. \frac{2}{3} + \frac{7}{8} \cdot \frac{2}{5} =$$

$$54. \frac{1}{3} : \frac{3}{4} + \frac{1}{3} =$$

$$55. \frac{4}{7} + \frac{3}{7} \cdot \frac{1}{2} =$$

$$56. \left(\frac{1}{2} + \frac{1}{2} \right) \cdot \frac{1}{9} =$$

$$57. \frac{5}{7} \cdot \frac{5}{8} + \frac{1}{2} =$$

$$58. \frac{1}{3} + \frac{1}{7} : \frac{5}{9} =$$

$$59. \frac{4}{9} + \frac{4}{7} \cdot \frac{2}{3} =$$

$$60. \frac{7}{8} : \frac{2}{3} - \frac{1}{2} =$$

$$61. \frac{7}{9} + \frac{5}{6} : \frac{5}{7} =$$

$$62. \frac{7}{9} : \frac{1}{2} + \frac{2}{3} =$$

$$63. \frac{1}{4} \cdot \left(\frac{1}{4} + \frac{4}{9} \right) =$$

$$64. \frac{1}{4} : \frac{1}{3} - \frac{2}{7} =$$

$$65. \left(\frac{2}{7} + \frac{1}{3} \right) \cdot \frac{3}{4} =$$

$$66. \frac{6}{7} \cdot \left(\frac{2}{3} - \frac{1}{2} \right) =$$

$$67. \frac{3}{7} : \left(\frac{3}{5} - \frac{1}{2} \right) =$$

$$68. \frac{2}{3} + \frac{1}{3} \cdot \frac{3}{5} =$$

$$69. \frac{3}{5} + \frac{2}{7} : \frac{5}{9} =$$

$$70. \frac{3}{4} - \frac{4}{5} \cdot \frac{1}{2} =$$

$$71. \left(\frac{3}{4} + \frac{1}{4} \right) \cdot \frac{1}{2} =$$

$$72. \frac{3}{4} : \left(\frac{1}{2} + \frac{1}{3} \right) =$$

$$73. \quad \frac{1}{2} \cdot \frac{3}{4} + \frac{1}{2} =$$

$$74. \quad \left(\frac{1}{3} - \frac{1}{4} \right) \cdot \frac{7}{9} =$$

$$75. \quad \frac{3}{4} : \frac{4}{5} - \frac{7}{8} =$$

$$76. \quad \frac{4}{5} + \frac{3}{4} \cdot \frac{5}{6} =$$

$$77. \quad \frac{1}{3} \cdot \left(\frac{1}{6} + \frac{7}{8} \right) =$$

$$78. \quad \frac{6}{7} + \frac{5}{9} \cdot \frac{1}{2} =$$

$$79. \quad \frac{4}{5} : \frac{2}{7} + \frac{1}{2} =$$

$$80. \quad \frac{1}{9} + \frac{1}{4} : \frac{1}{2} =$$

$$81. \quad \frac{5}{6} + \frac{1}{2} : \frac{3}{4} =$$

$$82. \quad \frac{2}{9} + \frac{5}{8} \cdot \frac{4}{9} =$$

$$83. \quad \left(\frac{2}{3} + \frac{2}{5} \right) \cdot \frac{2}{3} =$$

$$84. \quad \frac{1}{3} - \frac{1}{3} \cdot \frac{1}{2} =$$

$$85. \quad \frac{3}{5} \cdot \left(\frac{2}{3} + \frac{1}{2} \right) =$$

$$86. \quad \frac{2}{5} \cdot \frac{2}{9} + \frac{1}{2} =$$

$$87. \quad \frac{2}{9} \cdot \left(\frac{5}{7} + \frac{1}{7} \right) =$$

$$88. \quad \frac{1}{3} \cdot \left(\frac{1}{2} - \frac{2}{7} \right) =$$

$$89. \left(-\frac{1}{3} + -\frac{3}{7} \right) : -\frac{2}{3} =$$

$$90. \left(-\frac{2}{3} + -\frac{3}{4} \right) \cdot -\frac{2}{3} =$$

$$91. -\frac{1}{2} \cdot \left(-\frac{1}{3} + -\frac{1}{3} \right) =$$

$$92. -\frac{1}{2} \cdot -\frac{3}{4} + -\frac{4}{5} =$$

$$93. \left(-\frac{1}{2} + -\frac{1}{3} \right) \cdot -\frac{3}{4} =$$

$$94. \left(-\frac{3}{5} + -\frac{3}{4} \right) \cdot -\frac{7}{9} =$$

$$95. -\frac{1}{2} + -\frac{1}{2} \cdot -\frac{7}{9} =$$

$$96. -\frac{5}{6} : \left(-\frac{1}{4} + -\frac{3}{4} \right) =$$

$$97. \left(\frac{1}{2} - \frac{4}{9} \right) : \frac{5}{6} =$$

$$98. \left(\frac{7}{8} - \frac{1}{2} \right) \cdot \frac{1}{2} =$$

$$99. \frac{1}{3} : \left(\frac{1}{3} - \frac{1}{7} \right) =$$

$$100. \left(\frac{1}{2} + \frac{1}{2} \right) \cdot \frac{1}{2} =$$

Riešenia

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|----------------------|-----------------------|---------------------|----------------------|
| 1. = 2 celych 5/14 | 2. = 1/4 | 3. = 41/60 | 4. = 4 celych 9/28 |
| 5. = 13/108 | 6. = 13/48 | 7. = 1 | 8. = 2 celych 13/24 |
| 9. = 25/42 | 10. = 1 celych 31/105 | 11. = 11/12 | 12. = 32/35 |
| 13. = 7 | 14. = 6 | 15. = 1/3 | 16. = 1 celych 13/24 |
| 17. = 1 celych 3/20 | 18. = 1/30 | 19. = 1/3 | 20. = 5/6 |
| 21. = 13/108 | 22. = 1 celych 17/40 | 23. = 1 celych 8/15 | 24. = 2 celych 13/14 |
| 25. = 4 celych 1/2 | 26. = 6/7 | 27. = 1/6 | 28. = 232/315 |
| 29. = 2/7 | 30. = 1 celych 13/24 | 31. = 5/8 | 32. = 2 celych 31/36 |
| 33. = 11/32 | 34. = 59/162 | 35. = 7/72 | 36. = 19/20 |
| 37. = 2 celych 1/6 | 38. = 3/10 | 39. = 25/48 | 40. = 1 celych 1/2 |
| 41. = 1 | 42. = 11/20 | 43. = 5/12 | 44. = 11/21 |
| 45. = 29/315 | 46. = 26/135 | 47. = 10/21 | 48. = 7/16 |
| 49. = 23/28 | 50. = 3 | 51. = 1 celych 1/12 | 52. = 3/4 |
| 53. = 1 celych 1/60 | 54. = 7/9 | 55. = 11/14 | 56. = 1/9 |
| 57. = 53/56 | 58. = 62/105 | 59. = 52/63 | 60. = 13/16 |
| 61. = 1 celych 17/18 | 62. = 2 celych 2/9 | 63. = 25/144 | 64. = 13/28 |
| 65. = 13/28 | 66. = 1/7 | 67. = 4 celych 2/7 | 68. = 13/15 |
| 69. = 1 celych 4/35 | 70. = 7/20 | 71. = 1/2 | 72. = 9/10 |
| 73. = 7/8 | 74. = 7/108 | 75. = 1/16 | 76. = 1 celych 17/40 |
| 77. = 25/72 | 78. = 1 celych 17/126 | 79. = 3 celych 3/10 | 80. = 11/18 |
| 81. = 1 celych 1/2 | 82. = 1/2 | 83. = 32/45 | 84. = 1/6 |
| 85. = 7/10 | 86. = 53/90 | 87. = 4/21 | 88. = 1/14 |
| 89. = 1 celych 1/7 | 90. = 17/18 | 91. = 1/3 | 92. = 1 celych 7/40 |
| 93. = 5/8 | 94. = 1 celych 1/20 | 95. = 8/9 | 96. = 5/6 |
| 97. = 1/15 | 98. = 3/16 | 99. = 1 celych 3/4 | 100. = 1/2 |