Zlomky – úprava zložených zlomkov

Meno: _____ Trieda: _____

Strana 1

1. $\dfrac{3\frac{1}{5} - \frac{1}{4}}{\frac{7}{8}} =$

2. $\dfrac{3\frac{1}{2}}{3\frac{2}{9} - \frac{1}{2}} =$

3. $\dfrac{2}{\frac{1}{3}} =$

4. $\dfrac{\frac{4}{7} - \frac{1}{8}}{\frac{1}{3}} =$

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

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

Strana 2

7. $\dfrac{3 - 1}{3\ \frac{5}{7}} =$

8. $\dfrac{2\ \frac{1}{5}}{\frac{1}{2}} =$

9. $\dfrac{6 - 3\ \frac{1}{2}}{1} =$

10. $\dfrac{1\ \frac{5}{7}}{\frac{2}{3} + 3\ \frac{1}{3}} =$

11. $\dfrac{1\ \frac{1}{5} - \frac{4}{5}}{1\ \frac{3}{4}} =$

12. $\dfrac{\frac{3}{4} + \frac{1}{2}}{3\ \frac{7}{9} + \frac{5}{9}} =$

13. $\dfrac{6}{3\ \frac{1}{4} + \frac{3}{4}} =$

14. $\dfrac{6}{2} =$

15. $\dfrac{1\ \frac{1}{2} - \frac{3}{4}}{2\ \frac{3}{4} - \frac{3}{5}} =$

16. $\dfrac{\frac{3}{8} + 1\ \frac{5}{6}}{1} =$

17. $\dfrac{\frac{1}{2} - \frac{2}{5}}{\frac{7}{8}} =$

18. $\dfrac{5 + 3\ \frac{1}{2}}{\frac{1}{6} + 3} =$

Strana 4

19. $\dfrac{\frac{1}{2} + 1\frac{3}{7}}{\frac{3}{8} + \frac{3}{4}} =$

20. $\dfrac{1\frac{3}{5} - \frac{1}{6}}{2 - \frac{1}{2}} =$

21. $\dfrac{2\frac{2}{3} + \frac{6}{7}}{\frac{2}{3} + 4} =$

22. $\dfrac{3\frac{1}{6}}{\frac{1}{2}} =$

23. $\dfrac{\frac{1}{2} - \frac{1}{4}}{1\frac{5}{7}} =$

24. $\dfrac{4 + \frac{5}{6}}{1} =$

Strana 5

25. $\dfrac{6 + 3\frac{7}{8}}{2\frac{3}{4}} =$

26. $\dfrac{4}{2\frac{1}{6} - \frac{2}{3}} =$

27. $\dfrac{5 - \frac{1}{2}}{\frac{3}{7} + 2\frac{1}{2}} =$

28. $\dfrac{2\frac{5}{9} + 1\frac{2}{9}}{1\frac{1}{3} + 1\frac{7}{9}} =$

29. $\dfrac{3\frac{1}{4}}{\frac{3}{5}} =$

30. $\dfrac{2 - \frac{1}{2}}{2\frac{3}{4} - 1\frac{5}{9}} =$

31. $\dfrac{6 + 1}{\frac{2}{3}} =$

32. $\dfrac{\frac{1}{3} + 2\frac{2}{5}}{\frac{5}{6} + \frac{2}{5}} =$

33. $\dfrac{3 + \frac{1}{3}}{2\frac{2}{3} - \frac{1}{2}} =$

34. $\dfrac{\frac{1}{2}}{\frac{2}{9}} =$

35. $\dfrac{2\frac{1}{2}}{1} =$

36. $\dfrac{\frac{2}{7}}{5} =$

37. $\dfrac{\frac{1}{4}}{5} =$

38. $\dfrac{3\ \frac{1}{2}}{\frac{3}{5}} =$

39. $\dfrac{3\ \frac{1}{3}}{3\ -\ \frac{1}{4}} =$

40. $\dfrac{1\ \frac{3}{5}\ -\ \frac{1}{5}}{3\ \frac{1}{2}\ -\ 3} =$

41. $\dfrac{2\ \frac{3}{5}\ -\ \frac{1}{3}}{3\ \frac{5}{6}\ -\ \frac{1}{2}} =$

42. $\dfrac{1\ \frac{1}{2}\ -\ \frac{1}{2}}{4} =$

43. $\dfrac{1 - \frac{5}{6}}{\frac{2}{9} - \frac{1}{5}} =$

44. $\dfrac{3\frac{1}{7} - 3}{\frac{3}{4}} =$

45. $\dfrac{3\frac{4}{7} + 6}{2\frac{1}{2}} =$

46. $\dfrac{1\frac{7}{9} - \frac{2}{3}}{4} =$

47. $\dfrac{\frac{4}{9} - \frac{1}{3}}{2 - \frac{1}{2}} =$

48. $\dfrac{2\frac{1}{2}}{\frac{3}{8}} =$

49. $\dfrac{2\ \frac{1}{5}}{1\ \frac{3}{4} - \frac{3}{5}} =$

50. $\dfrac{2\ \frac{7}{8} - 1\ \frac{2}{3}}{\frac{1}{3} + \frac{7}{8}} =$

51. $\dfrac{\frac{1}{3}}{3 - 1\ \frac{1}{3}} =$

52. $\dfrac{2\ \frac{2}{3}}{6 + 3\ \frac{1}{2}} =$

53. $\dfrac{\frac{3}{5} + 4}{3\ \frac{3}{4} - 2\ \frac{1}{2}} =$

54. $\dfrac{6}{1\ \frac{1}{2}} =$

55. $\dfrac{6 - 1\frac{1}{3}}{3\frac{1}{4} - \frac{1}{2}} =$

56. $\dfrac{2\frac{1}{2}}{2\frac{1}{3} + 2\frac{1}{2}} =$

57. $\dfrac{\frac{1}{2} - \frac{1}{6}}{1 - \frac{2}{5}} =$

58. $\dfrac{3\frac{1}{2}}{1\frac{1}{2}} =$

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

60. $\dfrac{2\frac{1}{2} - \frac{1}{4}}{\frac{3}{5}} =$

61. $\dfrac{1\ \frac{1}{4}}{2\ \frac{1}{3} - 1\ \frac{5}{7}} =$

62. $\dfrac{1\ \frac{3}{5} + 3\ \frac{1}{5}}{\frac{1}{2}} =$

63. $\dfrac{3\ \frac{7}{8} - 2\ \frac{2}{3}}{\frac{1}{2} + \frac{1}{2}} =$

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

65. $\dfrac{\frac{1}{2}}{1\ \frac{5}{8}} =$

66. $\dfrac{1\ \frac{3}{4}}{1\ \frac{1}{2}} =$

67. $\dfrac{2\frac{2}{3} - \frac{2}{7}}{4} =$

68. $\dfrac{2\frac{7}{8} + \frac{2}{3}}{\frac{5}{9}} =$

69. $\dfrac{2}{2\frac{1}{2} - 1\frac{1}{3}} =$

70. $\dfrac{1 + 2\frac{5}{8}}{3\frac{2}{3} - 1\frac{1}{4}} =$

71. $\dfrac{\frac{1}{2} - \frac{1}{8}}{2\frac{3}{4}} =$

72. $\dfrac{\frac{1}{2}}{\frac{1}{5}} =$

73. $\dfrac{2 - 1\frac{2}{3}}{3\frac{1}{2} - 1} =$

74. $\dfrac{\frac{5}{9}}{2\frac{1}{3} + 2\frac{3}{7}} =$

75. $\dfrac{3\frac{1}{3} + \frac{5}{6}}{5 + 2\frac{2}{3}} =$

76. $\dfrac{6 - 3\frac{1}{6}}{\frac{7}{9}} =$

77. $\dfrac{3}{6} =$

78. $\dfrac{6 + \frac{3}{5}}{\frac{1}{2} + \frac{1}{2}} =$

79. $\dfrac{3\frac{3}{4} - \frac{1}{2}}{2\frac{3}{7} - 1} =$

80. $\dfrac{\frac{1}{4}}{2\frac{1}{2} + 6} =$

81. $\dfrac{1}{1} =$

82. $\dfrac{\frac{5}{7}}{2\frac{2}{3}} =$

83. $\dfrac{1\frac{4}{5}}{2 + \frac{3}{4}} =$

84. $\dfrac{1\frac{1}{3}}{\frac{7}{8}} =$

85. $\dfrac{3}{5 - 1\frac{1}{4}} =$

86. $\dfrac{2\frac{1}{2}}{3\frac{1}{2}} =$

87. $\dfrac{3\frac{6}{7}}{1\frac{1}{5}} =$

88. $\dfrac{\frac{5}{6} - \frac{3}{5}}{\frac{2}{7} + \frac{5}{7}} =$

89. $\dfrac{3}{2\frac{3}{4} - 2\frac{1}{2}} =$

90. $\dfrac{6}{2\frac{3}{7} - 1\frac{2}{3}} =$

Strana 16

91. $\dfrac{\frac{3}{4} + 2\frac{3}{4}}{5} =$

92. $\dfrac{\frac{1}{2} + 4}{2\frac{1}{3}} =$

93. $\dfrac{2\frac{1}{2}}{5 - 3\frac{2}{7}} =$

94. $\dfrac{\frac{4}{5}}{3\frac{2}{3} - 3\frac{1}{2}} =$

95. $\dfrac{3\frac{1}{4} + 3}{6} =$

96. $\dfrac{2}{2\frac{1}{3}} =$

Strana 17

97. $\dfrac{2\frac{2}{3} - 1\frac{2}{3}}{3\frac{1}{4} - \frac{1}{3}} =$

98. $\dfrac{\frac{1}{2} + 3\frac{1}{3}}{1\frac{3}{4}} =$

99. $\dfrac{\frac{5}{6} + \frac{1}{4}}{\frac{3}{4} - \frac{2}{7}} =$

100. $\dfrac{\frac{1}{2} + \frac{5}{8}}{2\frac{1}{4} - 1} =$

Riešenia

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