

Umocňovanie zlomkov

Meno: _____

Trieda: _____

Strana 1

1. $\left(\frac{3}{8} \right)^3 =$

2. $\left(\frac{8}{11} \right)^2 =$

3. $\left(\frac{1}{3} \right)^3 =$

4. $-\left(\frac{1}{10} \right)^2 =$

5. $-\left(\frac{1}{2} \right)^2 =$

6. $\left(\frac{3}{8} \right)^4 =$

7. $-\left(\frac{6}{11} \right)^3 =$

8. $\left(\frac{2}{3} \right)^3 =$

9. $\left(\frac{10}{11} \right)^4 =$

10. $-\left(\frac{4}{11} \right)^3 =$

$$11. \quad -\left(\frac{3}{4}\right)^2 =$$

$$12. \quad \left(\frac{1}{3}\right)^2 =$$

$$13. \quad \left(\frac{1}{7}\right)^3 =$$

$$14. \quad -\left(\frac{6}{11}\right)^4 =$$

$$15. \quad -\left(\frac{1}{2}\right)^3 =$$

$$16. \quad \left(\frac{1}{4}\right)^3 =$$

$$17. \quad \left(\frac{4}{5}\right)^4 =$$

$$18. \quad \left(\frac{4}{9}\right)^4 =$$

$$19. \quad \left(\frac{1}{4}\right)^2 =$$

$$20. \quad \left(\frac{8}{9}\right)^2 =$$

$$21. \quad \left(-\frac{5}{11} \right)^4 =$$

$$22. \quad -\left(\frac{2}{9} \right)^2 =$$

$$23. \quad \left(-\frac{7}{9} \right)^2 =$$

$$24. \quad \left(-\frac{3}{4} \right)^2 =$$

$$25. \quad -\left(\frac{4}{7} \right)^2 =$$

$$26. \quad \left(-\frac{5}{12} \right)^2 =$$

$$27. \quad \left(-\frac{1}{4} \right)^4 =$$

$$28. \quad \left(-\frac{2}{11} \right)^3 =$$

$$29. \quad \left(-\frac{7}{12} \right)^2 =$$

$$30. \quad \left(-\frac{2}{3} \right)^4 =$$

$$31. \quad \left(-\frac{1}{9} \right)^4 =$$

$$32. \quad \left(-\frac{7}{9} \right)^4 =$$

$$33. \quad \left(-\frac{1}{6} \right)^3 =$$

$$34. \quad \left(-\frac{1}{5} \right)^3 =$$

$$35. \quad \left(-\frac{5}{8} \right)^2 =$$

$$36. \quad \left(-\frac{4}{7} \right)^3 =$$

$$37. \quad -\left(-\frac{4}{5} \right)^2 =$$

$$38. \quad \left(-\frac{1}{11} \right)^2 =$$

$$39. \quad -\left(-\frac{2}{3} \right)^3 =$$

$$40. \quad \left(-\frac{4}{9} \right)^2 =$$

$$41. \quad \left(-\frac{5}{7} \right)^2 =$$

$$42. \quad \left(-\frac{2}{9} \right)^3 =$$

$$43. \quad -\left(\frac{9}{11} \right)^2 =$$

$$44. \quad \left(-\frac{2}{5} \right)^2 =$$

$$45. \quad -\left(-\frac{3}{7} \right)^3 =$$

$$46. \quad \left(-\frac{5}{9} \right)^2 =$$

$$47. \quad -\left(-\frac{4}{11} \right)^2 =$$

$$48. \quad \left(-\frac{3}{4} \right)^3 =$$

$$49. \quad \left(-\frac{1}{8} \right)^4 =$$

$$50. \quad -\left(-\frac{9}{10} \right)^4 =$$

$$51. \quad \left(-\frac{1}{11} \right)^4 =$$

$$52. \quad \left(-\frac{4}{9} \right)^3 =$$

$$53. \quad \left(-\frac{1}{6} \right)^2 =$$

$$54. \quad \left(-\frac{7}{11} \right)^2 =$$

$$55. \quad \left(-\frac{2}{5} \right)^3 =$$

$$56. \quad \left(-\frac{4}{5} \right)^2 =$$

$$57. \quad \left(-\frac{6}{11} \right)^2 =$$

$$58. \quad -\left(-\frac{1}{8} \right)^3 =$$

$$59. \quad \left(-\frac{5}{7} \right)^3 =$$

$$60. \quad \left(-\frac{9}{10} \right)^2 =$$

$$61. \quad -\left(\frac{5}{8}\right)^4 =$$

$$62. \quad \left(\frac{2}{7}\right)^3 =$$

$$63. \quad \left(\frac{3}{11}\right)^3 =$$

$$64. \quad \left(\frac{3}{5}\right)^3 =$$

$$65. \quad -\left(\frac{2}{3}\right)^2 =$$

$$66. \quad \left(\frac{3}{5}\right)^4 =$$

$$67. \quad \left(\frac{4}{7}\right)^4 =$$

$$68. \quad -\left(\frac{3}{4}\right)^4 =$$

$$69. \quad \left(\frac{6}{7}\right)^2 =$$

$$70. \quad \left(\frac{4}{11}\right)^3 =$$

$$71. \quad \left(-\frac{1}{3} \right)^4 =$$

$$72. \quad \left(-\frac{1}{2} \right)^4 =$$

$$73. \quad -\left(-\frac{1}{3} \right)^2 =$$

$$74. \quad \left(-\frac{2}{3} \right)^2 =$$

$$75. \quad \left(-\frac{1}{7} \right)^2 =$$

$$76. \quad -\left(-\frac{1}{2} \right)^4 =$$

$$77. \quad \left(-\frac{5}{11} \right)^2 =$$

$$78. \quad \left(-\frac{11}{12} \right)^2 =$$

$$79. \quad \left(-\frac{5}{6} \right)^3 =$$

$$80. \quad \left(-\frac{5}{8} \right)^4 =$$

$$81. \quad -\left(\frac{2}{3}\right)^4 =$$

$$82. \quad \left(\frac{3}{5}\right)^2 =$$

$$83. \quad \left(\frac{7}{10}\right)^3 =$$

$$84. \quad \left(\frac{4}{5}\right)^3 =$$

$$85. \quad -\left(\frac{1}{4}\right)^3 =$$

$$86. \quad \left(\frac{2}{7}\right)^2 =$$

$$87. \quad \left(\frac{1}{12}\right)^2 =$$

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

$$89. \quad -\left(\frac{5}{6}\right)^2 =$$

$$90. \quad -\left(\frac{5}{12}\right)^2 =$$

91. $\left(-\frac{1}{2} \right)^2 =$

92. $\left(-\frac{3}{7} \right)^2 =$

93. $-\left(\frac{2}{5} \right)^4 =$

94. $\left(-\frac{1}{10} \right)^4 =$

95. $\left(-\frac{9}{11} \right)^4 =$

96. $-\left(\frac{2}{5} \right)^3 =$

97. $\left(-\frac{2}{9} \right)^2 =$

98. $\left(-\frac{7}{11} \right)^3 =$

99. $\left(-\frac{5}{6} \right)^2 =$

100. $\left(-\frac{3}{10} \right)^2 =$

Riešenia

1. = 27/512	2. = 64/121	3. = 1/27	4. = 1/100
5. = 1/4	6. = 81/4096	7. = -216/1331	8. = 8/27
9. = 10000/14641	10. = -64/1331	11. = 9/16	12. = 1/9
13. = 1/343	14. = 1296/14641	15. = -1/8	16. = 1/64
17. = 256/625	18. = 256/6561	19. = 1/16	20. = 64/81
21. = 625/14641	22. = 4/81	23. = 49/81	24. = 9/16
25. = 16/49	26. = 25/144	27. = 1/256	28. = 8/1331
29. = 49/144	30. = 16/81	31. = 1/6561	32. = 2401/6561
33. = 1/216	34. = 1/125	35. = 25/64	36. = 64/343
37. = 16/25	38. = 1/121	39. = -8/27	40. = 16/81
41. = 25/49	42. = 8/729	43. = 81/121	44. = 4/25
45. = -27/343	46. = 25/81	47. = 16/121	48. = 27/64
49. = 1/4096	50. = 6561/10000	51. = 1/14641	52. = 64/729
53. = 1/36	54. = 49/121	55. = 8/125	56. = 16/25
57. = 36/121	58. = -1/512	59. = 125/343	60. = 81/100
61. = 625/4096	62. = 8/343	63. = 27/1331	64. = 27/125
65. = 4/9	66. = 81/625	67. = 256/2401	68. = 81/256
69. = 36/49	70. = 64/1331	71. = 1/81	72. = 1/16
73. = 1/9	74. = 4/9	75. = 1/49	76. = 1/16
77. = 25/121	78. = 121/144	79. = 125/216	80. = 625/4096
81. = 16/81	82. = 9/25	83. = 343/1000	84. = 64/125
85. = -1/64	86. = 4/49	87. = 1/144	88. = 1/8
89. = 25/36	90. = 25/144	91. = 1/4	92. = 9/49
93. = 16/625	94. = 1/10000	95. = 6561/14641	96. = -8/125
97. = 4/81	98. = 343/1331	99. = 25/36	100. = 9/100