KLUCZ — KOLEJNOŚĆ WYKONYWANIA DZIAŁAŃ, ZADANIA DO POWTÓRZENIA

1. Od lewej do prawej

1. $38 - 12 + 8 = 26 + 8 = \mathbf{34}$

2. $12 : 3 \cdot 2 = 4 \cdot 2 = \mathbf{8}$

3. $2 \cdot 6 : 3 = 12 : 3 = \mathbf{4}$

4. $3 \cdot 4 : 6 \cdot 2 = 12 : 6 \cdot 2 = 2 \cdot 2 = \mathbf{4}$

5. $18 : 3 \cdot 2 : 4 = 6 \cdot 2 : 4 = 12 : 4 = \mathbf{3}$

6. $12 : 4 \cdot 6 = 3 \cdot 6 = \mathbf{18}$

7. $12 \cdot 5 : 4 = 60 : 4 = \mathbf{15}$

8. $20 : 10 \cdot 100 = 2 \cdot 100 = \mathbf{200}$

9. $300 \cdot 10 : 5 = 3000 : 5 = \mathbf{600}$

10. $16 + 37 + 44 = 53 + 44 = \mathbf{97}$

11. $20 \cdot 7 \cdot 50 = 140 \cdot 50 = \mathbf{7000}$

12. $150 - 43 - 67 = 107 - 67 = \mathbf{40}$

13. $80 : 2 : 5 = 40 : 5 = \mathbf{8}$

14. $22 - 6 + 4 = 16 + 4 = \mathbf{20}$

15. $10 + 2 - 4 = 12 - 4 = \mathbf{8}$

16. $12 + 15 - 3 = 27 - 3 = \mathbf{24}$

17. $75 + 15 - 10 = 90 - 10 = \mathbf{80}$

18. $9 - 5 + 3 = 4 + 3 = \mathbf{7}$

19. $2 + 14 - 8 = 16 - 8 = \mathbf{8}$

20. $8 - 4 + 2 - 1 = 4 + 2 - 1 = 6 - 1 = \mathbf{5}$

21. $8 : 2 \cdot 4 : 2 = 4 \cdot 4 : 2 = 16 : 2 = \mathbf{8}$

22. $30 : 5 \cdot 3 = 6 \cdot 3 = \mathbf{18}$

23. $10 - 4 + 3 = 6 + 3 = \mathbf{9}$

24. $12 - 1 + 7 + 3 = 11 + 7 + 3 = 18 + 3 = \mathbf{21}$

25. $8 + 5 + 12 - 4 = 13 + 12 - 4 = 25 - 4 = \mathbf{21}$

26. $69 + 32 - 57 = 101 - 57 = \mathbf{44}$

27. $95 - 72 + 64 = 23 + 64 = \mathbf{87}$

28. $102 - 64 + 68 = 38 + 68 = \mathbf{106}$

29. $20 \cdot 45 : 9 = 900 : 9 = \mathbf{100}$

2. Mnożenie i dzielenie przed dodawaniem i odejmowaniem

30. $17 \cdot 5 + 2 = 85 + 2 = \mathbf{87}$

31. $60 : 5 + 3 = 12 + 3 = \mathbf{15}$

32. $75 : 5 - 2 = 15 - 2 = \mathbf{13}$

33. $16 \cdot 6 - 3 = 96 - 3 = \mathbf{93}$

34. $13 + 18 + 2 \cdot 2 = 13 + 18 + 4 = 31 + 4 = \mathbf{35}$

35. $37 + 14 + 3 \cdot 2 = 37 + 14 + 6 = 51 + 6 = \mathbf{57}$

36. $70 - 23 + 2 : 2 = 70 - 23 + 1 = 47 + 1 = \mathbf{48}$

37. $80 - 32 + 3 : 3 = 80 - 32 + 1 = 48 + 1 = \mathbf{49}$

38. $28 : 7 + 54 : 9 = 4 + 6 = \mathbf{10}$

39. $7 + 5 \cdot 6 - 12 : 4 = 7 + 30 - 3 = 37 - 3 = \mathbf{34}$

40. $19 - 24 : 3 + 8 = 19 - 8 + 8 = 11 + 8 = \mathbf{19}$

41. $4 + 7 \cdot 3 = 4 + 21 = \mathbf{25}$

42. $3 \cdot 2 + 4 \cdot 5 = 6 + 20 = \mathbf{26}$

43. $2 \cdot 12 - 8 : 4 = 24 - 2 = \mathbf{22}$

44. $18 - 2 \cdot 3 + 4 = 18 - 6 + 4 = 12 + 4 = \mathbf{16}$

45. $25 - 5 \cdot 3 = 25 - 15 = \mathbf{10}$

46. $30 : 3 \cdot 2 + 5 = 10 \cdot 2 + 5 = 20 + 5 = \mathbf{25}$

47. $25 \cdot 4 - 37 = 100 - 37 = \mathbf{63}$

48. $150 - 20 \cdot 4 = 150 - 80 = \mathbf{70}$

49. $180 + 92 : 4 = 180 + 23 = \mathbf{203}$

50. $2 \cdot 12 + 48 : 4 = 24 + 12 = \mathbf{36}$

51. $105 - 45 : 3 + 17 = 105 - 15 + 17 = 90 + 17 = \mathbf{107}$

52. $180 + 20 \cdot 6 - 56 = 180 + 120 - 56 = 300 - 56 = \mathbf{244}$

53. $2 \cdot 4 + 24 : 6 = 8 + 4 = \mathbf{12}$

54. $4 \cdot 7 - 42 : 6 = 28 - 7 = \mathbf{21}$

55. $63 - 3 \cdot 8 = 63 - 24 = \mathbf{39}$

56. $6 \cdot 5 + 7 \cdot 8 = 30 + 56 = \mathbf{86}$

57. $10 \cdot 12 - 68 = 120 - 68 = \mathbf{52}$

58. $9 \cdot 9 - 5 \cdot 7 = 81 - 35 = \mathbf{46}$

59. $100 : 10 + 6 \cdot 8 = 10 + 48 = \mathbf{58}$

60. $12 + 8 : 4 = 12 + 2 = \mathbf{14}$

61. $9 - 3 \cdot 2 = 9 - 6 = \mathbf{3}$

62. $2 \cdot 3 + 4 \cdot 6 = 6 + 24 = \mathbf{30}$

63. $32 : 4 - 3 \cdot 2 = 8 - 6 = \mathbf{2}$

64. $6 \cdot 3 - 2 = 18 - 2 = \mathbf{16}$

65. $21 + 14 : 7 = 21 + 2 = \mathbf{23}$

66. $21 : 7 - 16 : 8 = 3 - 2 = \mathbf{1}$

67. $3 \cdot 5 + 8 : 4 = 15 + 2 = \mathbf{17}$

68. $6 + 9 : 3 = 6 + 3 = \mathbf{9}$

69. $8 + 2 \cdot 5 = 8 + 10 = \mathbf{18}$

70. $5 \cdot 6 + 15 : 3 = 30 + 5 = \mathbf{35}$

71. $16 : 4 + 4 \cdot 8 = 4 + 32 = \mathbf{36}$

3. Nawiasy

72. $(4 + 7) \cdot 3 = 11 \cdot 3 = \mathbf{33}$

73. $3 \cdot (2 + 4 \cdot 5) = 3 \cdot (2 + 20) = 3 \cdot 22 = \mathbf{66}$

74. $2 \cdot (12 - 8 : 4) = 2 \cdot (12 - 2) = 2 \cdot 10 = \mathbf{20}$

75. $18 - (2 \cdot 3 + 4) = 18 - (6 + 4) = 18 - 10 = \mathbf{8}$

76. $7 + 3 \cdot (10 - 32 : 8) = 7 + 3 \cdot (10 - 4) = 7 + 3 \cdot 6 = 7 + 18 = \mathbf{25}$

77. $(4 + 7) \cdot (3 + 4) = 11 \cdot 7 = \mathbf{77}$

78. $3 \cdot (2 + 4) \cdot 5 = 3 \cdot 6 \cdot 5 = 18 \cdot 5 = \mathbf{90}$

79. $2 \cdot (12 - 8) : 4 = 2 \cdot 4 : 4 = 8 : 4 = \mathbf{2}$

80. $18 - 2 \cdot (3 + 4) = 18 - 2 \cdot 7 = 18 - 14 = \mathbf{4}$

81. $2 \cdot (23 - 17) + 7 = 2 \cdot 6 + 7 = 12 + 7 = \mathbf{19}$

82. $(7 + 5) \cdot 2 = 12 \cdot 2 = \mathbf{24}$

83. $(12 - 8) : 4 = 4 : 4 = \mathbf{1}$

84. $26 - (30 - 15) : 3 = 26 - 15 : 3 = 26 - 5 = \mathbf{21}$

85. $36 - 6 \cdot (12 - 7) = 36 - 6 \cdot 5 = 36 - 30 = \mathbf{6}$

86. $25 + 10 \cdot (71 - 49) = 25 + 10 \cdot 22 = 25 + 220 = \mathbf{245}$

87. $42 : 7 + (63 - 29) = 42 : 7 + 34 = 6 + 34 = \mathbf{40}$

88. $(6 + 14 : 2) \cdot 100 = (6 + 7) \cdot 100 = 13 \cdot 100 = \mathbf{1300}$

89. $100 - 14 \cdot (6 - 2) = 100 - 14 \cdot 4 = 100 - 56 = \mathbf{44}$

90. $24 : (3 + 5) = 24 : 8 = \mathbf{3}$

91. $(14 - 2) : 3 = 12 : 3 = \mathbf{4}$

92. $(13 - 4) \cdot 2 = 9 \cdot 2 = \mathbf{18}$

93. $6 \cdot (3 + 2) = 6 \cdot 5 = \mathbf{30}$

94. $52 - 2 \cdot (106 - 93) = 52 - 2 \cdot 13 = 52 - 26 = \mathbf{26}$

95. $84 - (6 \cdot 12 - 42) = 84 - (72 - 42) = 84 - 30 = \mathbf{54}$

4. Potęgi

96. $5^2 - 30 : 5 = 25 - 30 : 5 = 25 - 6 = \mathbf{19}$

97. $200 + 98 : 7^2 = 200 + 98 : 49 = 200 + 2 = \mathbf{202}$

98. $300 - 96 : 2^3 = 300 - 96 : 8 = 300 - 12 = \mathbf{288}$

99. $100 : 10^2 \cdot 2 = 100 : 100 \cdot 2 = 1 \cdot 2 = \mathbf{2}$

100. $450 : 50 \cdot 3^2 = 450 : 50 \cdot 9 = 9 \cdot 9 = \mathbf{81}$

101. $98 - 3 \cdot 4^2 = 98 - 3 \cdot 16 = 98 - 48 = \mathbf{50}$

102. $(1^2 + 3^3) : 7 = (1 + 27) : 7 = 28 : 7 = \mathbf{4}$

103. $10^3 : 100 = 1000 : 100 = \mathbf{10}$

104. $(164 - 10^2) : 2^3 = (164 - 100) : 2^3 = 64 : 2^3 = 64 : 8 = \mathbf{8}$