Answers to The New Year Challenger for 2019

0 = 2 * 0 * 1 * 9

1 = 2 * 0 + 1^9   or   2^0 * 1^9   or   20 - 19   or   (2 + 0!)! + 1 - ((sqrt(9))!)

2 = 2 + 0 * 19

3 = 2 + 0 * 19

4 = 2 + 0! + 1^9

5 = 20 / (1 + sqrt(9))

6 = 2 + 0 + 1 + sqrt(9)

7 = 2 + 0! + 1 + sqrt(9)

8 = [sqrt(20)] + 1 + sqrt(9)

9 = [sqrt(20)] - 1 + (sqrt(9))!

10 = 2 * 0 + 1 + 9

11 = 2 - 0! + 1 + 9   or   [sqrt(20)] + 1 + (sqrt(9))!

12 = 2 + 0 + 1 + 9   or   [sqrt(20)] - 1 + 9

13 = 2 + 0! + 1 + 9   or   [sqrt(20)] + 1 * 9

14 = [sqrt(20)] + 1 + 9

15 = 20 + 1 - (sqrt(9))!   or   20 - 1 - [sqrt(20)]

16 = -2 - 0! + 19

17 = -2 - 0 + 19

18 = -2 + 0! + 19   or   -(2^0) + 19

19 = 2 * 0 + 19   or   20 - 1^9

20 = 2 - 0! + 19   or   20 * 1^9

21 = 2 - 0 + 19   or   20 + 1^9

22 = [201 / 9]   or   20 - 1 + (sqrt(9))

23 = 20 + 1 * (sqrt(9))

24 = 20 + 1 + (sqrt(9))

25 = [sqrt(20)]! + 1^9

26 = [sqrt(20)]! - 1 + sqrt(9)

27 = [sqrt(20)]! * 1 + sqrt(9)   or   (2 + 0 + 1) * 9

28 = [sqrt(20)]! + 1 + sqrt(9)

29 = [sqrt(20)]! - 1 + (sqrt(9))!   or   20 * 1 + 9

30 = [sqrt(20)]! * 1 + (sqrt(9))!   or   20 + 1 + 9

31 = [sqrt(20)]! + 1 + (sqrt(9))!

32 = [sqrt(20)]! - 1 + 9   or   [sqrt(20)] * (-1 + 9)

33 = [sqrt(20)]! * 1 + 9   or   [201 / ((sqrt(9))!)]

34 = [sqrt(20)]! + 1 + 9

35 = [sqrt(20)]! + [sqrt(sqrt(sqrt(sqrt((19!))))))]

    or   (2 + 0!)! - 1 + [sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(9!))]!))))))]

36 = (2 + 0! + 1) * 9   or   (2 + 0!)! * 1 + [sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(9!))]!))))))]

37 = (2 + 0!)! + 1 + [sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(9!))]!))))))]

38 = (2 + 0) * 19

39 = 20 + 19

40 = [sqrt(20)] * (1 + 9)

41 = -2 + [(sqrt(0! + 1) * (sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(9!))]!)))))))]

42 = (20 + 1) * ([sqrt((sqrt(9))!)]])   or   [sqrt(201 * 9)]

43 = [sqrt(20)]! +19

44 = [sqrt(20)] * [sqrt(sqrt(sqrt(sqrt((19!))))))]

45 = ([sqrt(20)] + 1) * 9

46 = ([[(sqrt(20))]! - 1) * [sqrt((sqrt(9))!)]]

47 = [sqrt(20)]! - 1 + [sqrt(sqrt(9!))]

48 = [sqrt(20)]! * 1 + [sqrt(sqrt(9!))]

49 = [sqrt(20)]! + 1 + [sqrt(sqrt(9!))]

50 = (2 + 0) * (1 + [sqrt(sqrt(9!))])

51 = (20 + 1) + [sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(9!))])))))]

52 = 2 * 0! * 1 * [sqrt([(sqrt(9))!]!)]

53 = -([sqrt(sqrt(sqrt(sqrt(20!)))))]) +
   [sqrt(sqrt(sqrt(sqrt(sqrt(sqrt([sqrt(sqrt([sqrt(sqrt(sqrt(sqrt(19!))))]!)])]!)))))))]

54 = ((2 + 0!)!) * 1 * 9

55 = -([sqrt(20)]!) + [sqrt(sqrt(([sqrt(sqrt(sqrt(sqrt(19!)))))]!))))]

56 = 2 * (0! + 1 + [sqrt([(sqrt(9))!]!)])

57 = (2 + 0!) * 19   or   (20 - 1) * (sqrt(9))

58 = (2 + 0) * (-1 + ([sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(9!))])))))]))

59 = -20 + [sqrt(sqrt(([sqrt(sqrt(sqrt(sqrt(19!)))))]!))))]

60 = ((2 + 0!)!) * (1 + 9)   or   20 * 1 * sqrt(9)
     or   [(sqrt(sqrt([sqrt(sqrt(sqrt(sqrt(20!)))))]!))) * 1 / 9]

61 = [sqrt(sqrt(sqrt(sqrt([sqrt(20)]!)))))] + 1 + [sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(9!))])))))]

62 = [[sqrt(sqrt(sqrt(20!)))] / (sqrt(1 + 9))]

63 = ((2 + 0!)! + 1) * 9   or   (20 + 1) * (sqrt(9))

64 = -2 - 0! + [sqrt(sqrt(sqrt(sqrt(sqrt(sqrt([sqrt(sqrt([sqrt(sqrt(sqrt(sqrt(19!))))]!)])]!)))))))]

65 = -([sqrt(sqrt(sqrt(sqrt(20!)))))]) + [sqrt(sqrt(([sqrt(sqrt(sqrt(sqrt(19!)))))]!))))]

66 = [sqrt(sqrt(sqrt(20!)))] * 1 / sqrt(9)

67 = 201 / sqrt(9)

68 = 2 - 1 + [sqrt(sqrt(sqrt(sqrt(sqrt(sqrt([sqrt(sqrt([sqrt(sqrt(sqrt(sqrt(19!))))]!)])]!)))))))]

69 = [sqrt(sqrt(sqrt([sqrt(201)]!))))] * (sqrt(9))

70 = [([sqrt(sqrt(sqrt(20!)))]) / (sqrt(-1 + 9)]

71 = [sqrt(20)] + [sqrt(sqrt(sqrt(sqrt(sqrt(sqrt([sqrt(sqrt([sqrt(sqrt(sqrt(sqrt(19!))))]!)])]!)))))))]

72 = (2 + 0 + 1) * ([sqrt(sqrt(9!))])

73 = [sqrt(sqrt(sqrt(sqrt([sqrt(20)]!)))))] * 1 +
   [sqrt(sqrt([sqrt([sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(9!)])])))))])))))])]!))]

74 = [sqrt(sqrt(sqrt(sqrt([sqrt(20)]!)))))] + 1 +
   [sqrt(sqrt([sqrt([sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(9!)])])))))])))))])]!))]

75 = -([sqrt(20)]) + ([sqrt(sqrt(([sqrt(sqrt(sqrt(sqrt(19!)))))]!)))))

76 = [sqrt(20)] * 19

77 = -2 + 0 + ([sqrt(sqrt((([sqrt(sqrt(sqrt(sqrt(19!)))))]!))))])

78 = -2 + 0! + ([sqrt(sqrt((([sqrt(sqrt(sqrt(sqrt(19!)))))]!))))])

79 = (2 - 0!) * ([sqrt(sqrt((([sqrt(sqrt(sqrt(sqrt(19!)))))]!))))])

80 = 2 - 0! + ([sqrt(sqrt((([sqrt(sqrt(sqrt(sqrt(19!)))))]!))))])   or   (20) * (1 + sqrt(9))

81 = 2 + 0 + ([sqrt(sqrt((([sqrt(sqrt(sqrt(sqrt(19!)))))]!)))])

82 = 2 + 0! + ([sqrt(sqrt((([sqrt(sqrt(sqrt(sqrt(19!)))))]!)))])

83 = [sqrt(20)] + ([sqrt(sqrt((([sqrt(sqrt(sqrt(sqrt(19!)))))]!)))])

84 = [sqrt(sqrt(sqrt(sqrt(20!))))] * 1 * ((sqrt(9))!)

85 = [((sqrt(201)) * ((sqrt(9))!))]

86 = ((2 + 0) * 1) *
    [sqrt(sqrt([sqrt([sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(9!)])))))])))))])!))]

87 = -20 + 1 + [sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(9!)])))))])))))]

88 = (2 + 0) * (1 +
    [sqrt(sqrt([sqrt([sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(9!)])))))])))))])!))])

89 = int(sqrt(sqrt(sqrt(sqrt(sqrt(sqrt(sqrt(sqrt((201)!)))))))) * sqrt(9))

90 = (2 + 0 + 1) * ([sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(9!))])))))])

91 = [sqrt(sqrt(sqrt(20!)))] - 1 - ([sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(9!)])))))])))))])

92 = [sqrt(sqrt(sqrt(20!)))] * 1 - ([sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(9!)])))))]))))))])

93 = [sqrt(sqrt(sqrt(20!)))] + 1 - ([sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(9!)])))))]))))))])
    or   [sqrt(sqrt(sqrt(sqrt(20!))))] + [sqrt(sqrt((([sqrt(sqrt(sqrt(sqrt(19!)))))]!)))]

94 = int(sqrt(sqrt(2)) * sqrt(sqrt(((0)! + 1 + 9)!)))

95 = 201 - [sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(sqrt(sqrt([sqrt(sqrt(9!)])))))])))))]

96 = (2 + 0! + 1) * [sqrt(sqrt(9!))]

97 =

98 = int((sqrt(sqrt(sqrt(sqrt(20!)))))) * (1 + (sqrt(9)!)   or   int(int(sqrt(20 + 1)) *
    sqrt(sqrt((9)!)))

99 = 20 + ([sqrt(sqrt((([sqrt(sqrt(sqrt(sqrt(19!)))))]!)))])

100 = [(201) / [sqrt((sqrt(9))!)]]   or   20 * (-1 + (sqrt(9))!)