

Name: _____

2024 Year Game

Rules of the Game: Use only the digits 2, 0, 2, and 4, in any order, with the operations +, −, ×, ÷, ^ (raised to a power), $\sqrt{\quad}$ (square root), ! (factorial), and !! (double factorial) to write expressions for the counting numbers 1 through 100. Grouping symbols may also be used. Multi-digit numbers such as 20, 220, or 0.22 will be accepted this year. Write your answers in the boxes below, using no equal signs.

Correct format: $(2 + 0) \times 2 + 4$

Incorrect format: $2 + 0 = 2 \times 2 = 4 + 4 = 8$

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