

Name _____

A Math Forum Project

2011 Mathematics Game

Rules of the Game: Use only the digits 2, 0, 1, and 1, in any order, with the operations +, -, * (multiply), / (divide), ^ (raised to a power), sqrt (square root), and ! (factorial), to write expressions for the counting numbers 1 through 100. Grouping symbols may also be used, and multi-digit numbers such as 20, 201, .02 may be used this year. Write your answers in the boxes below, using no equal signs.

Correct format: $(2 + 0 - 1) * 1$.

Incorrect format: $2 + 0 = 2 - 1 = 1 * 1 = 1$.

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