

Name \_\_\_\_\_

A Math Forum Project

# 2009 Mathematics Game

Rules of the Game: Use only the digits 2, 0, 0, and 9, in any order, with the operations +, -, x, / (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, 209, 0.02 may be used this year. Write your answers in the boxes below, using no equal signs.

Correct format:  $(2 + 0) - 0 + 9$ .

Incorrect format:  $2 + 0 = 2 - 0 = 2 + 9 = 11$ .

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