

Name _____

A Math Forum Project

2015 Mathematics Game

Rules of the Game: Use only the digits 2, 0, 1, and 5, in any order, with the operations +, -, x, / (divide), ^ (raised to a power), sqrt (square root), ! (factorial), and !! (double factorial) to write expressions for the counting numbers 1 through 100. Grouping symbols may also be used, and multi-digit numbers such as 20, 210, .02 may be used this year. Write your answers in the boxes below, using no equal signs.

Correct format: $(2 + 0) - 1 + 5$.

Incorrect format: $2 + 0 = 2 - 1 = 1 + 5 = 6$.

1		35		69	
2		36		70	
3		37		71	
4		38		72	
5		39		73	
6		40		74	
7		41		75	
8		42		76	
9		43		77	
10		44		78	
11		45		79	
12		46		80	
13		47		81	
14		48		82	
15		49		83	
16		50		84	
17		51		85	
18		52		86	
19		53		87	
20		54		88	
21		55		89	
22		56		90	
23		57		91	
24		58		92	
25		59		93	
26		60		94	
27		61		95	
28		62		96	
29		63		97	
30		64		98	
31		65		99	
32		66		100	
33		67			
34		68			