

2019 Mathematics Game Worksheet (NCTM Math Forum)

NAME: _____

TEACHER/PERIOD: _____

Use only the digits 2, 0, 1, and 9, in any order*, with the operations +, -, x, ÷, ^ (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. This year, see how far you can get without using multi-digit numbers such as 20, 210, .02. However, the online submission form will still accept multi-digit numbers. Write your answers in the boxes above, using no equal signs.

Correct format: $((2 * 0) - 1) + 9$

Incorrect format: $2 * 0 = 1 - 1 = 0 + 9 = 9$

*The order 2, 0, 1, 9 is preferred.

Be sure to read the full set of rules and directions for submitting entries via the links on Google Classroom.

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

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