

GAME OF NINETY NINE

User Instructions

1. Reload card. (ON-RUN)
2. Store decimal seed in Reg. 7.
3. Press A, sum of digits of secret # is displayed.
4. Key in guess, press R/S. Sum of digits of secret # is displayed.
5. Repeat step #4 until 99.00000000 is flashed 3 times, indicating you have guessed the secret #, then number of guesses will be displayed. If 0.000000000 is displayed, your guess will make secret # larger than 99, and your guess is not added to secret #, however a wrong guess is included in the total number of guesses it takes you to guess the secret #.
6. For a new game, go to step #3.

001 f LBL A	31 25 11	031 +	61
002 0	00	032 f LBL 3	31 25 03
003 STO 5	33 05	033 R/S	84
004 RCL 7	34 07	034 STO 2	33 02
005 h π	35 73	035 STO 12	33 61 00
006 +	61	036 1	01
007 5	05	037 STO+5	33 61 05
008 h Y^X	35 63	038 RCL 0	34 00
009 g FRAC	32 83	039 9	09
010 STO 7	33 07	040 9	09
011 EEX	43	041 g $X > Y?$	32 81
012 2	02	042 GT0 2	22 02
013 x	71	043 f FIX	31 23
014 f INT	31 83	044 DSP 9	23 09
015 STO 0	33 00	045 g $X = Y?$	32 51
016 f LBL 2	31 25 02	046 GT0 B	22 12
017 f FIX	31 23	047 RCL 2	34 02
018 DSP 0	23 00	048 STO-0	33 51 00
019 RCL 0	34 00	049 CLX	44
020 1	01	050 GT0 3	22 03
021 0	00	051 f LBL B	31 25 12
022 \div	81	052 9	09
023 ENTER	41	053 9	09
024 f INT	31 83	054 DSP 9	23 09
025 STO 1	33 01	055 h PAUSE	35 72
026 -	51	056 h PAUSE	35 72
027 1	01	057 h PAUSE	35 72
028 0	00	058 DSP 0	23 00
029 x	71	059 RCL 5	34 05
030 RCL 1	34 01	060 R/S	84

Display	Possibilities	1st guess	2nd guess	3rd guess	4th guess
1	01 10	98 *	89		
2	02 11 20	88 *	9 79		
3	03 12 21 30	78 *	18 69	9	

Display	Possibilities	1st guess	2nd guess	3rd guess	4th guess
4	04 13 22 31 40	77 *	18 59	9 9	
5	05 14 23 32 41 50	67 *	18 49	9 9	
6	06 15 24 33 42 51 60	66 *	18 39	9 18	
7	07 16 25 34 43 52 61 70	65 *	18 29	9 18	9
8	08 17 26 35 44 53 62 71 80	55 *	36 19	18 18	9 9
9	09 18 27 36 45 54 63 72 81 90	45 *	36 36	18 18	9 9

Display	Possibilities	1st guess	2nd guess	3rd guess	4th guess
10	19 28 37 46 55 64 73 82 91	44 *	36 8	18 18	9 9
11	29 38 47 56 65 74 83 92	34 *	36 7	18 18	9
12	39 48 57 66 75 84 93	33 *	18 6	9 18	9
13	49 58 67 76 85 94	23 *	18 5	9 9	
14	59 68 77 86 95	22 *	18 4	9 9	
15	69 78 87 96	12 *	18 3	9	
16	79 88 97	11 *	9 2		
17	89 98	10 *	1		