

MAGIC SQUARES
USER INSTRUCTIONS

1. Reload card. (ON-RUN).
2. Key in size of square;
press A, generate row,
press ↓, generate column,
press ↓, generate number entry.
3. Press R/S, generate row,
press ↓, generate column,
press ↓, generate number entry.
4. Repeat step #3 until square is filled.
5. Press R/S to calculate magic total.
6. For a new square, go to step #2.

001 f LBL A	31 25 11	030 GTO 3	22 03
002 f FIX	31 23	031 f LBL 1	31 25 01
003 DSP 0	23 00	032 1	01
004 STO 0	33 00	033 STO-1	33 51 01
005 1	01	034 STO 2	33 61 02
006 STO 1	33 01	035 STO 3	33 61 03
007 STO 3	03	036 RCL 1	34 01
008 +	61	037 f X/O?	31 61
009 2	02	038 GTO 4	22 04
010 ÷	81	039 RCL 0	34 00
011 STO 2	33 02	040 STO 1	33 01
012 f LBL 3	31 25 03	041 f LBL 4	31 25 04
013 RCL 3	34 03	042 RCL 2	34 02
014 RCL 2	34 02	043 RCL 0	34 00
015 RCL 1	34 01	044 g X=Y?	32 51
016 R/S	84	045 GTO 5	22 05
017 RCL 3	34 03	046 g X≤Y?	32 71
018 RCL 0	34 00	047 STO-2	33 51 02
019 ÷	81	048 f LBL 5	31 25 05
020 g FRAC	32 83	049 GTO 3	22 03
021 f X/O?	31 61	050 f LBL 2	31 25 02
XXXXXXXXXXXX		051 RCL 0	34 00
022 GTO 1	22 01	052 3	03
023 h LST X	35 82	053 h Y ^X	35 63
024 RCL 0	34 00	054 RCL 0	34 00
025 g X=Y?	32 51	055 +	61
026 GTO 2	22 02	056 2	02
027 1	01	057 ÷	81
028 STO+1	33 61 01	058 CHS	42
029 STO+3	33 61 03	059 h RTN	35 22