```
***** Square 1 *****
8
 1 6
3 5 7
4 9 2
***** Square 1 *****
The sum of row \# 0 = 15
The sum of row #1 = 15
The sum of row \# 2 = 15
The sum of collum \# 0 = 15
The sum of collum # 1 = 15
The sum of collum #2 = 15
The sum of the main diagonal = 15
The sum of the Reverse diagonal = 15
This is a magic square
**** Square 2 ****
30 39 48 1 10 19 28
38 47 7 9 18 27 29
46 6 8 17 26 35 37
5 14 16 25 34 36 45
13 15 24 33 42 44 4
21 23 32 41 43 3 12
22 31 40 49 2 11 20
***** Square 2 *****
The sum of row \# 0 = 175
The sum of row #1 = 175
The sum of row \# 2 = 175
The sum of row #3 = 175
The sum of row \# 4 = 175
The sum of row \# 5 = 175
The sum of row \# 6 = 175
The sum of collum # 0 = 175
The sum of collum #1 = 175
The sum of collum \# 2 = 175
The sum of collum #3 = 175
The sum of collum #4 = 175
The sum of collum #5 = 175
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The sum of collum #6 = 175
The sum of the main diagonal = 175
The sum of the Reverse diagonal = 175
This is a magic square
**** Square 3 ****
48 9 6 39
27 18 21 36
15 30 33 24
12 45 42 3
**** Square 3 ****
The sum of row \# 0 = 102
The sum of row \# 1 = 102
The sum of row \# 2 = 102
The sum of row \# 3 = 102
The sum of collum # 0 = 102
The sum of collum # 1 = 102
The sum of collum \# 2 = 102
The sum of collum #3 = 102
The sum of the main diagonal = 102
The sum of the Reverse diagonal = 102
This is a magic square
**** Square 4 ****
6 2 7
1 5 3
2 9 4
**** Square 4 *****
The sum of row \# 0 = 15
The sum of row \# 1 = 9
The sum of row \# 2 = 15
The sum of collum # 0 = 9
The sum of collum #1 = 16
The sum of collum #2 = 14
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The sum of the main diagonal = 15 The sum of the Reverse diagonal = 14 This is not a magic square. **** Square 5 **** 3 16 2 13 6 9 7 12 10 5 11 8 15 4 14 1 **** Square 5 **** The sum of row # 0 = 34The sum of row #1 = 34The sum of row # 2 = 34The sum of row #3 = 34The sum of collum # 0 = 34The sum of collum #1 = 34The sum of collum # 2 = 34The sum of collum # 3 = 34The sum of the main diagonal = 24 The sum of the Reverse diagonal = 40 This is not a magic square. **** Square 6 **** 17 24 15 8 1 23 5 16 14 7 4 6 22 13 20 10 12 3 21 19 11 18 9 2 25 ***** Square 6 ***** The sum of row # 0 = 65The sum of row #1 = 65The sum of row # 2 = 65The sum of row #3 = 65The sum of row # 4 = 65

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The sum of collum # 0 = 65
The sum of collum # 1 = 65
The sum of collum #2 = 65
The sum of collum #3 = 58
The sum of collum #4 = 72
The sum of the main diagonal = 90
The sum of the Reverse diagonal = 60
```

This is not a magic square.

```
***** Square 7 *****
30 39 48 1 10 28 19
```

38 47 7 9 18 29 27 46 6 8 17 26 37 35 5 14 16 25 34 45 36 13 15 24 33 42 4 44 21 23 32 41 43 12 3 22 31 40 49 2 20 11

***** Square 7 *****

The sum of row # 0 = 175The sum of row #1 = 175The sum of row # 2 = 175The sum of row # 3 = 175The sum of row # 4 = 175The sum of row # 5 = 175The sum of row # 6 = 175

The sum of collum # 0 = 175The sum of collum # 1 = 175The sum of collum # 2 = 175The sum of collum # 3 = 175The sum of collum #4 = 175The sum of collum #5 = 175The sum of collum #6 = 175

The sum of the main diagonal = 175

The sum of the Reverse diagonal = 168

This is not a magic square.