

# Adding Magic Squares

Check that **M** and **N** are magic squares.

**M**

5	6	1
0	4	8
7	2	3

**M** is a magic square

true  false

**M**'s sum = \_\_\_\_\_

**N**

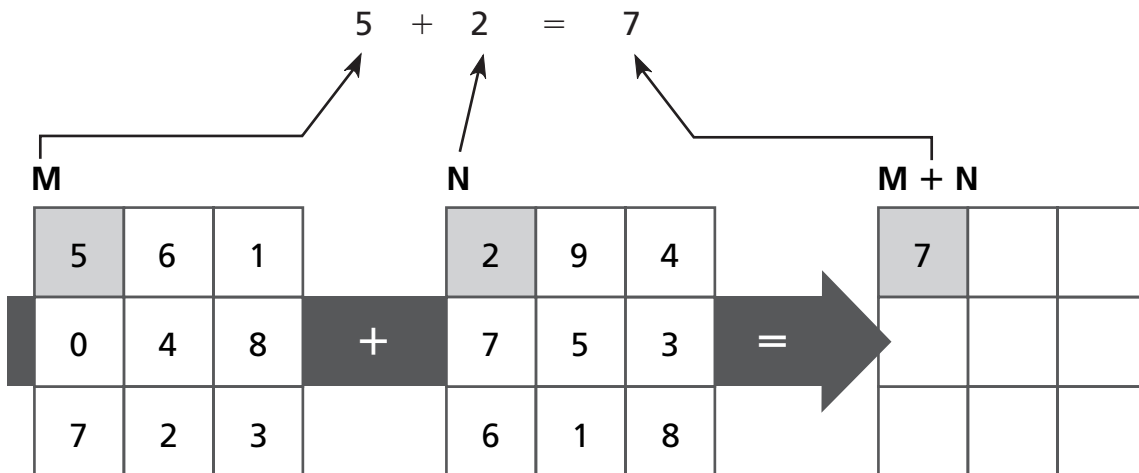
2	9	4
7	5	3
6	1	8

**N** is a magic square

true  false

**N**'s sum = \_\_\_\_\_

**Add the numbers in the upper left boxes of **M** and **N** to find the number in the upper left box of the new grid **M + N**. Add the numbers in the other boxes in the same way to complete the new grid.**



Is **M + N** a magic square? \_\_\_\_\_

**M + N**'s sum = \_\_\_\_\_

# What Happens If You Change the Order?

**Q**

3	1	2
1	2	3
2	3	1

**R**

7	0	5
2	4	6
3	8	1

**Q + R**


6      12

**R**

7	0	5
2	4	6
3	8	1

**Q**

3	1	2
1	2	3
2	3	1

**R + Q**


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