Magic Square:
Use each of 1,2,3,4,5,6,7,8,9 once, so that the rows, columns and diagonals all have the same sum.

2		
		1
4	3	

~~1~~ ~~2~~ ~~3~~ ~~4~~ 5 6 7 8 9

Muhammad ibn Muhammad al-Fullani al-Kishnawi
Astronomer, mathematician
Northern Nigeria, 1732

5 by 5 Magic Square
Use 1,2,3,4,5,6,7,8 once, so rows, columns and diagonals have the same sum.

1 2 3 4 5 6 7 8

		21	20	19
25	10	15	14	
22	17	13	9	
	12	11	16	18
	24			23

____   ____ ____ ____   ____

Hint: find the sums so far
on the center rows,
columns, and diagonals.

Muhammad ibn Muhammad al-Fullani al-Kishnawi
Astronomer, mathematician
Northern Nigeria, 1732
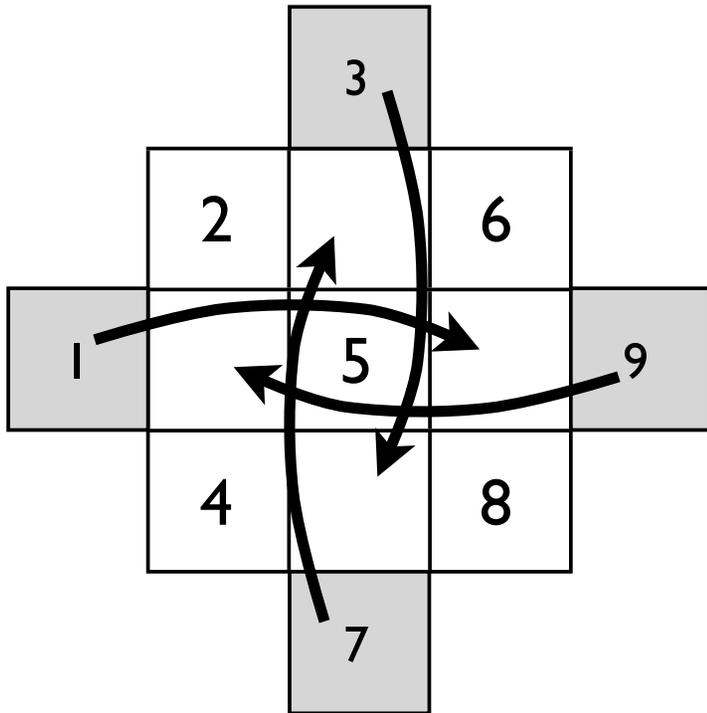
Complete the 5X5 magic square using Muhammed's technique!