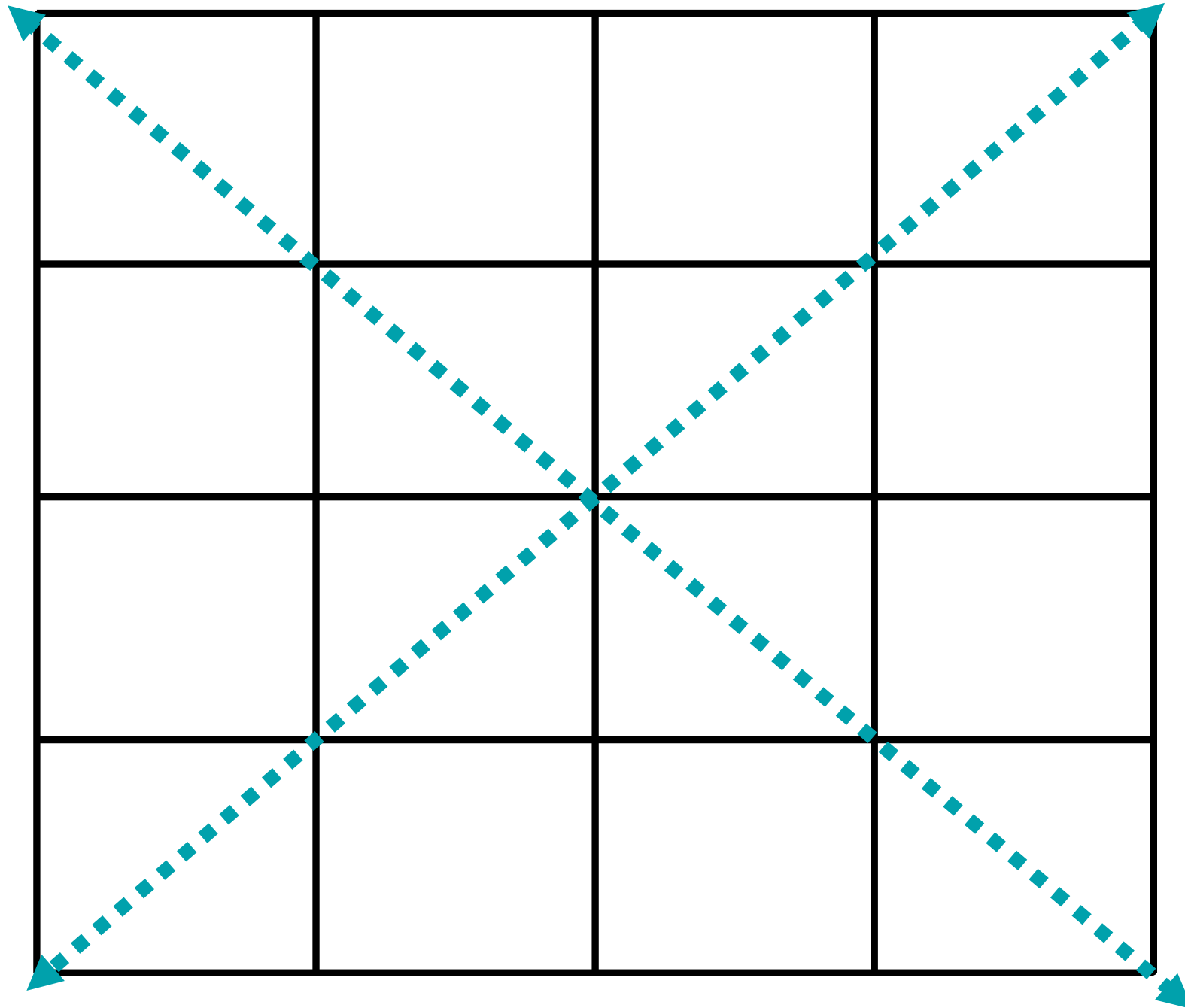


# 4x4 Magic Square


method  
for even  
ordered  
magic  
square  
of multiple  
of 4

# 4x4 Magic Square



put  
dotted  
lines  
across  
4x4  
diagonals

# 4x4 Magic Square

count from 1-16 left to right

1	<del>2</del>	<del>3</del>	4
<del>5</del>	6	7	<del>8</del>
<del>9</del>	10	11	<del>12</del>
13	<del>14</del>	<del>15</del>	16

only fill  
in the  
squares  
through  
which the  
diagonal  
goes

# 4x4 Magic Square

1			4
	6	7	
	10	11	
13			16

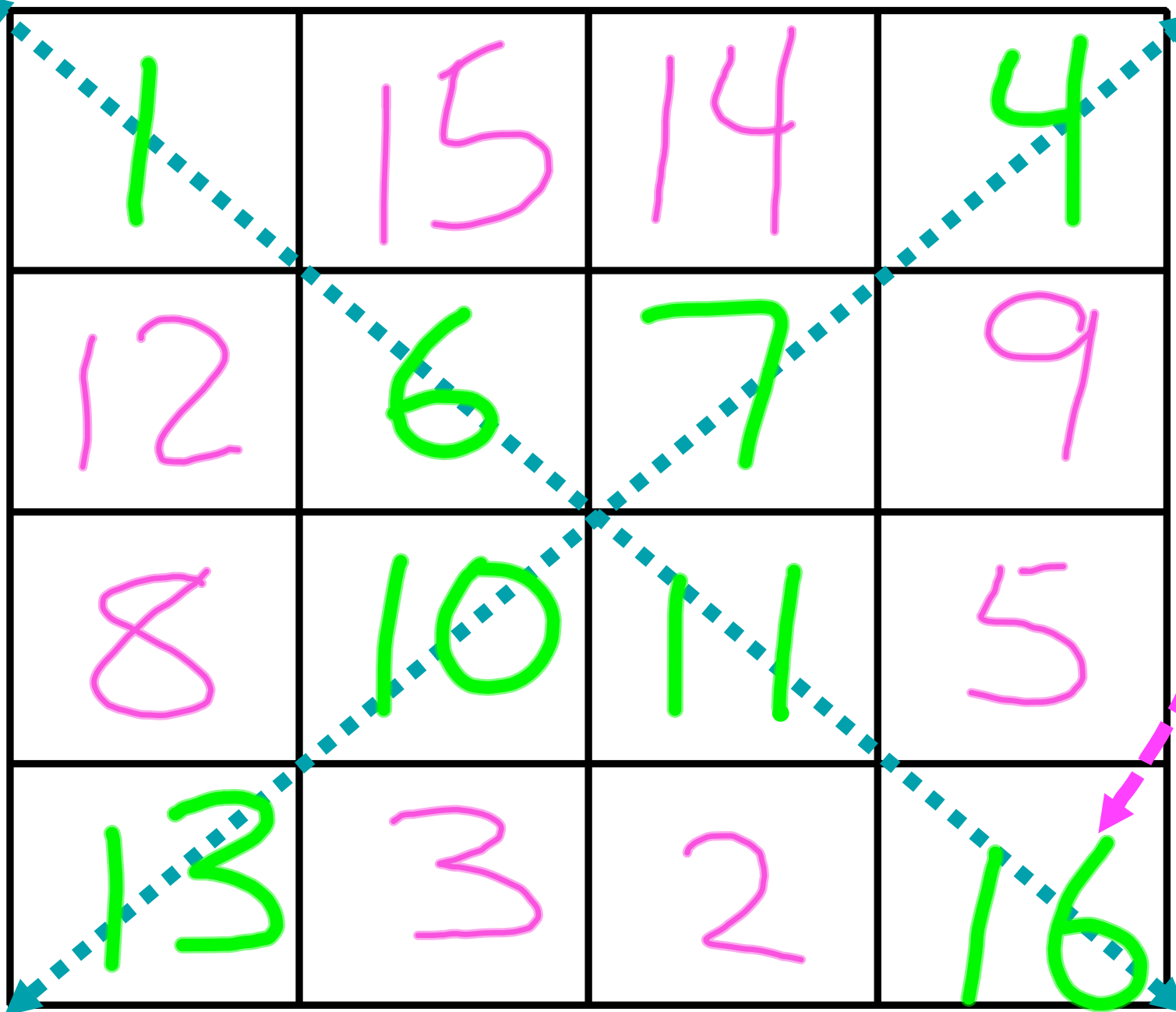
it  
should  
only look  
like  
← this

# 4x4 Magic Square

Start from the 16th square

Count from  
1-16

right to  
left,  
bottom  
to top,  
skipping  
squares  
already filled

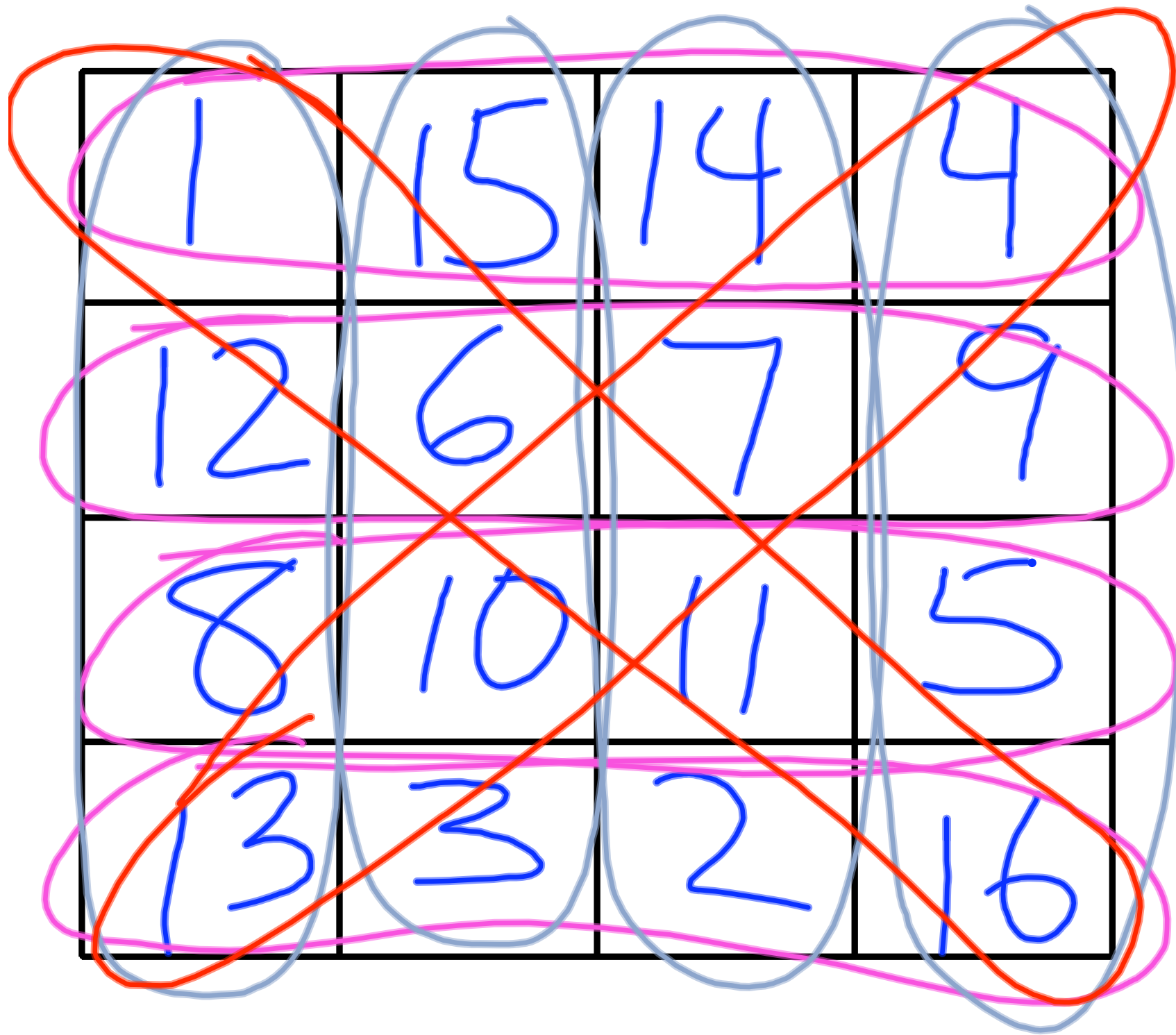


1	15	14	4
12	6	7	9
8	10	11	5
13	3	2	16

# 4x4 Magic Square

1	15	14	4
12	6	7	9
8	10	11	5
13	3	2	16

# 4x4 Magic Square



1	15	14	4
12	6	7	9
8	10	11	5
13	3	2	16

check  
to see  
if all  
rows &  
columns &  
diagonals  
have the  
same sum

All should add  
up to :  $\frac{n(n^2+1)}{2}$

$$\frac{4(4^2+1)}{2}$$

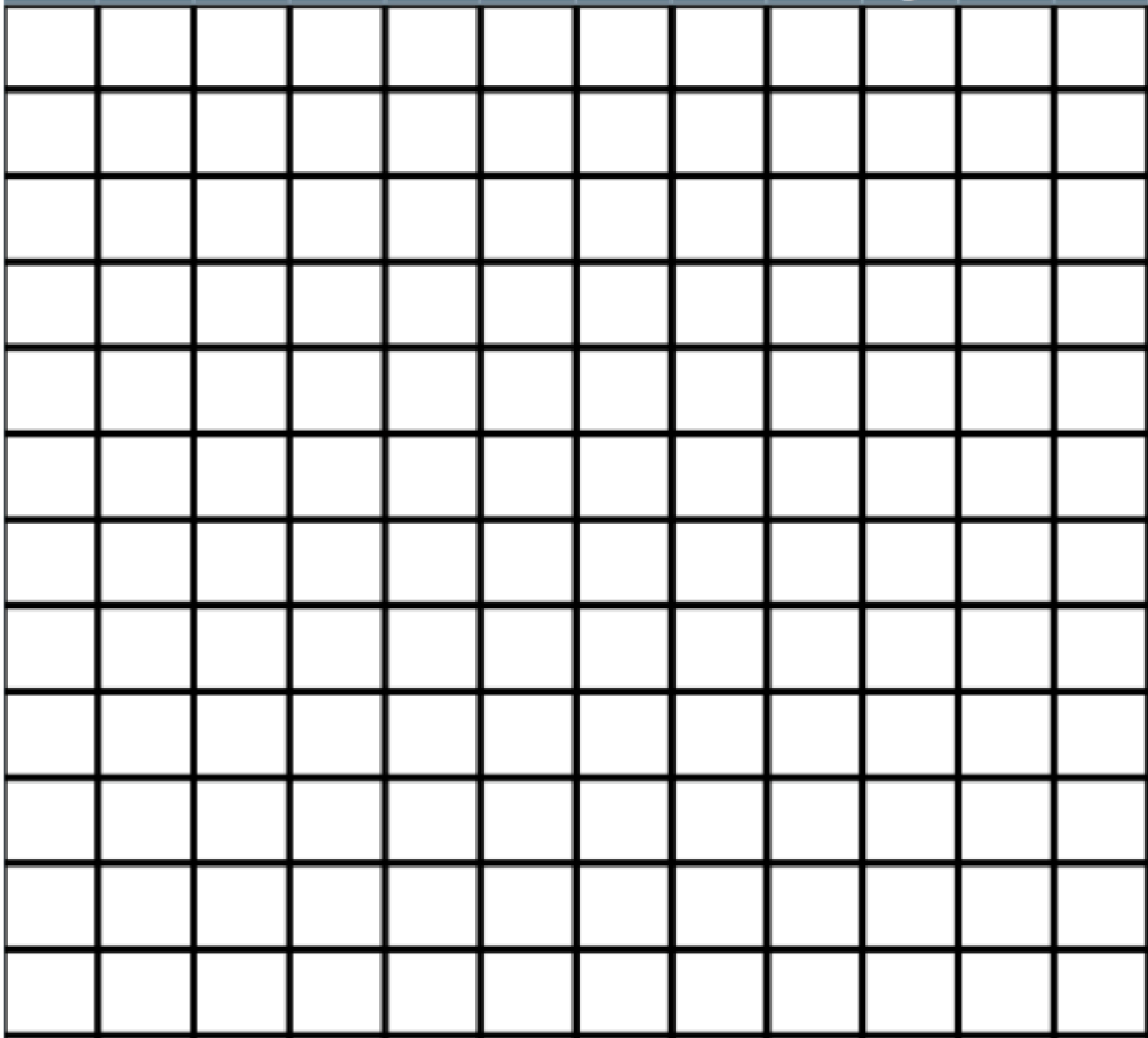
$$34 = \frac{4(16+1)}{2}$$



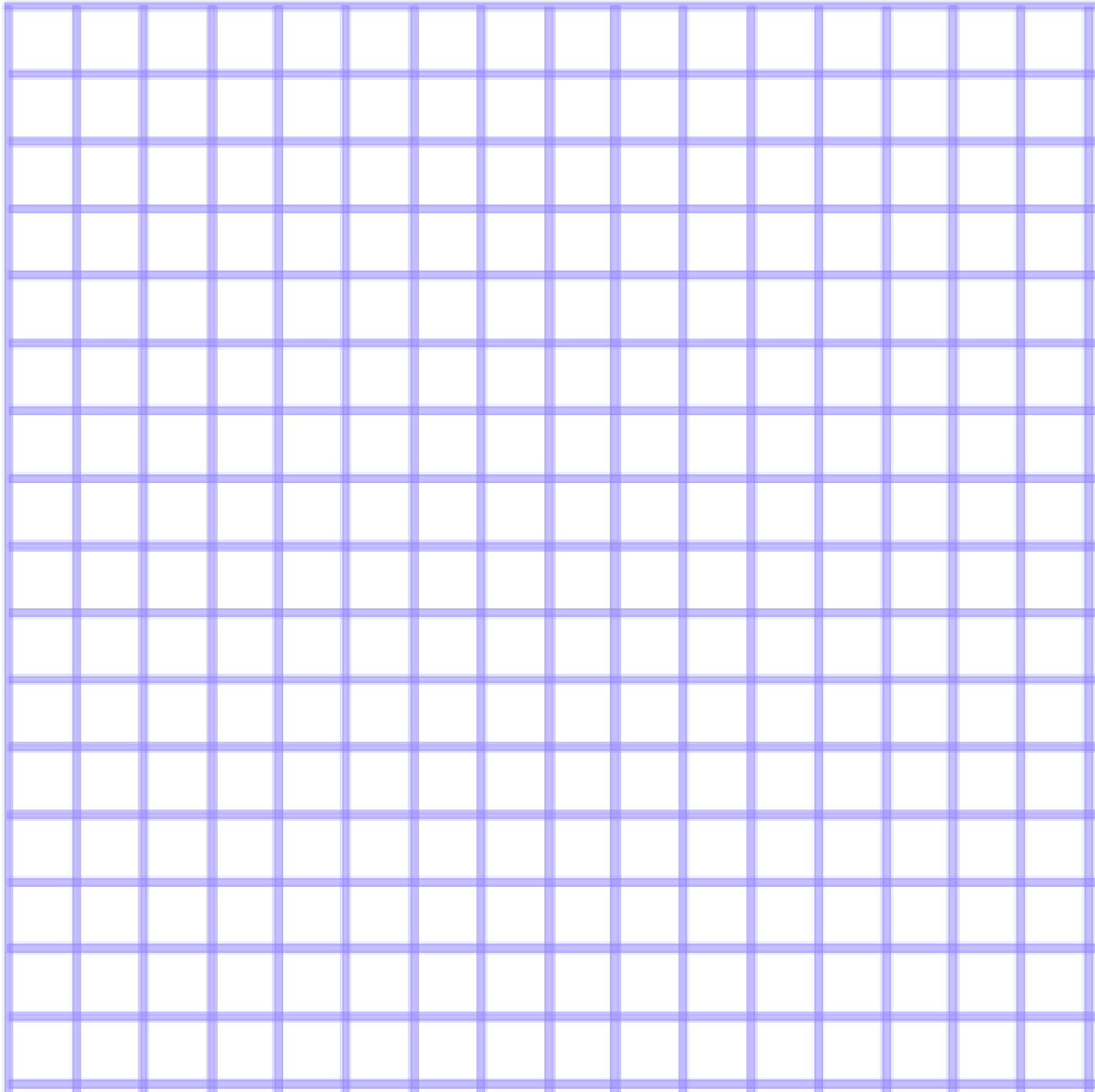
# 4x4 Magic Square


[illegible]

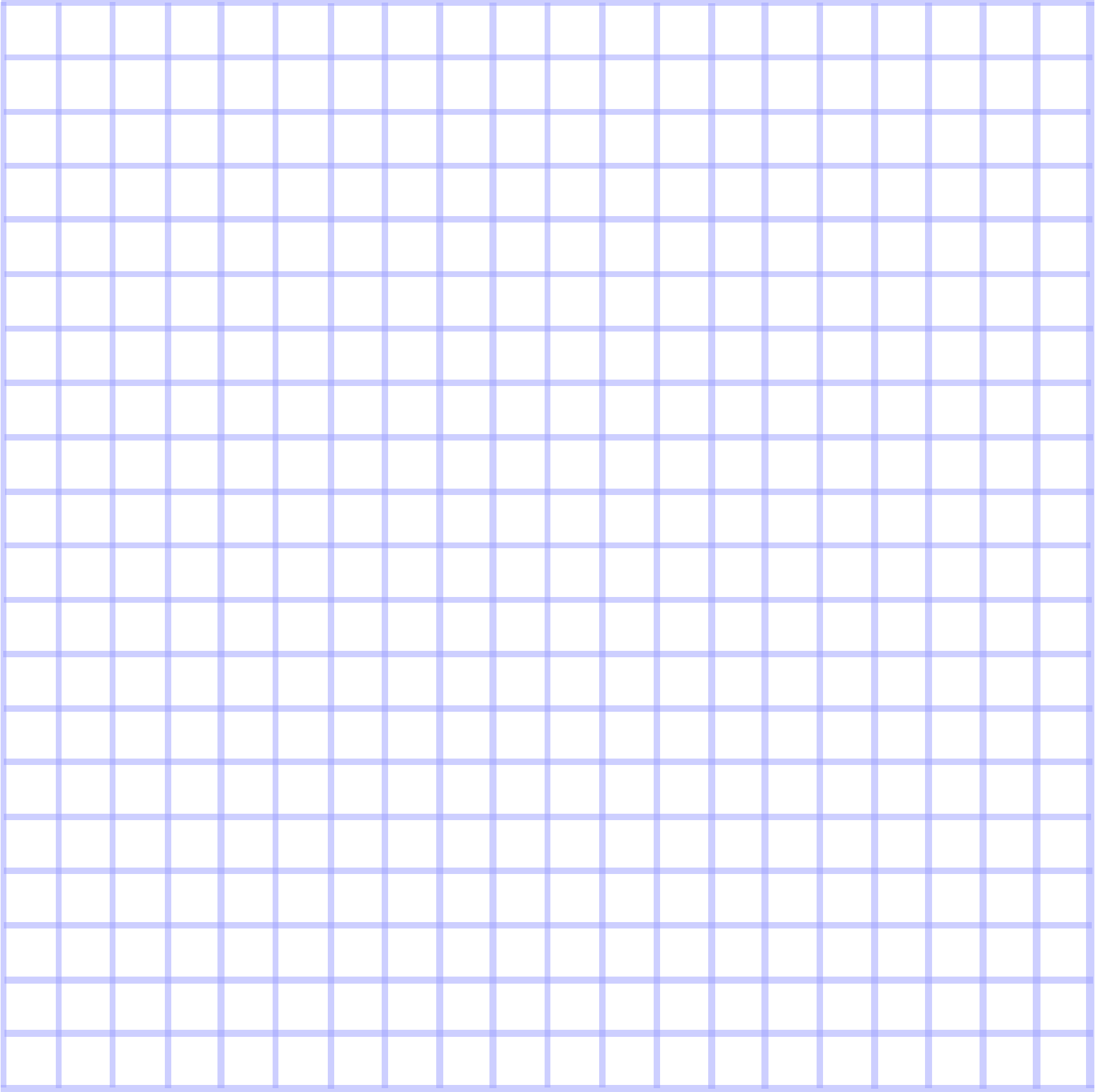
12 x 12



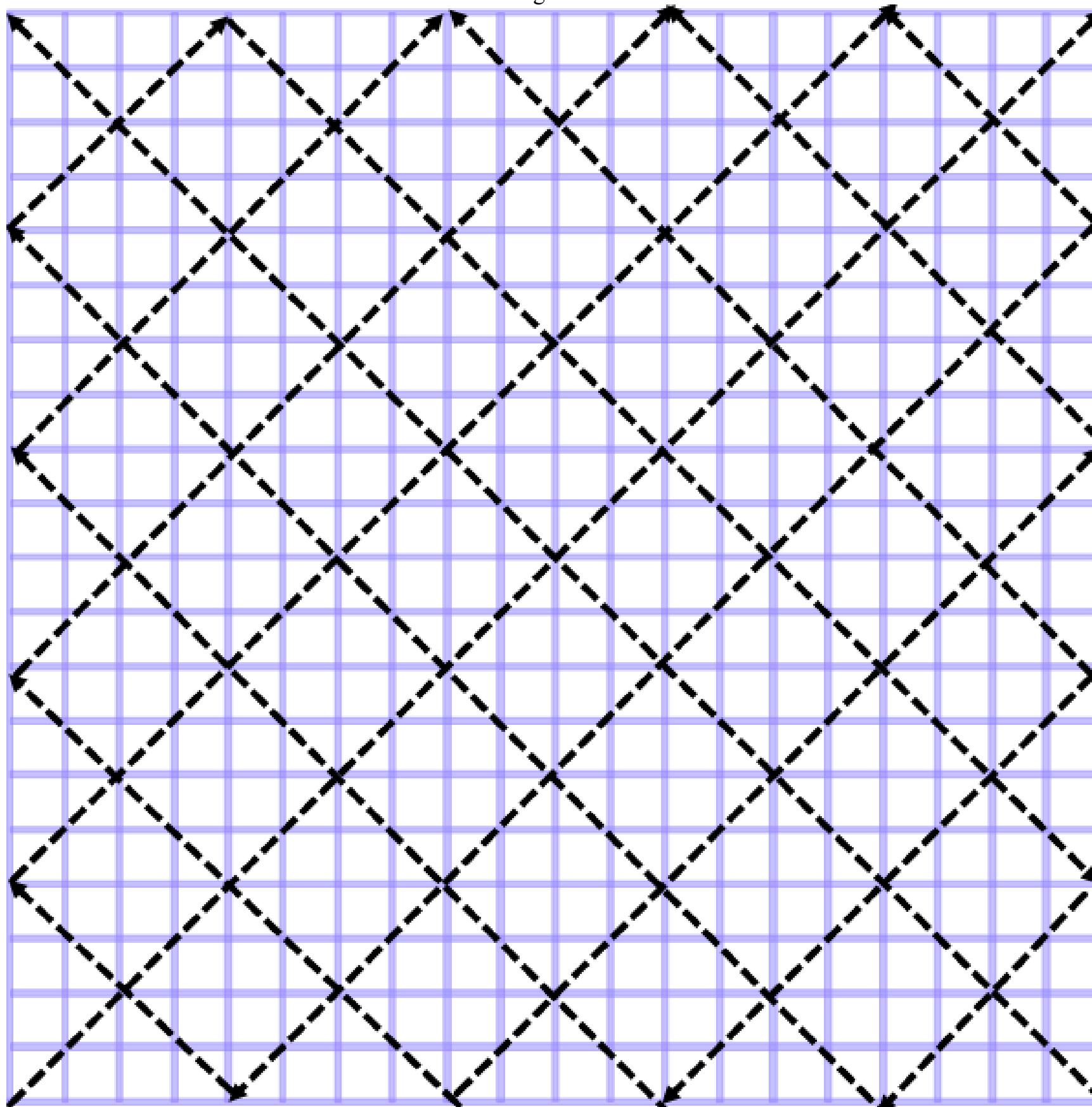
16 x 16

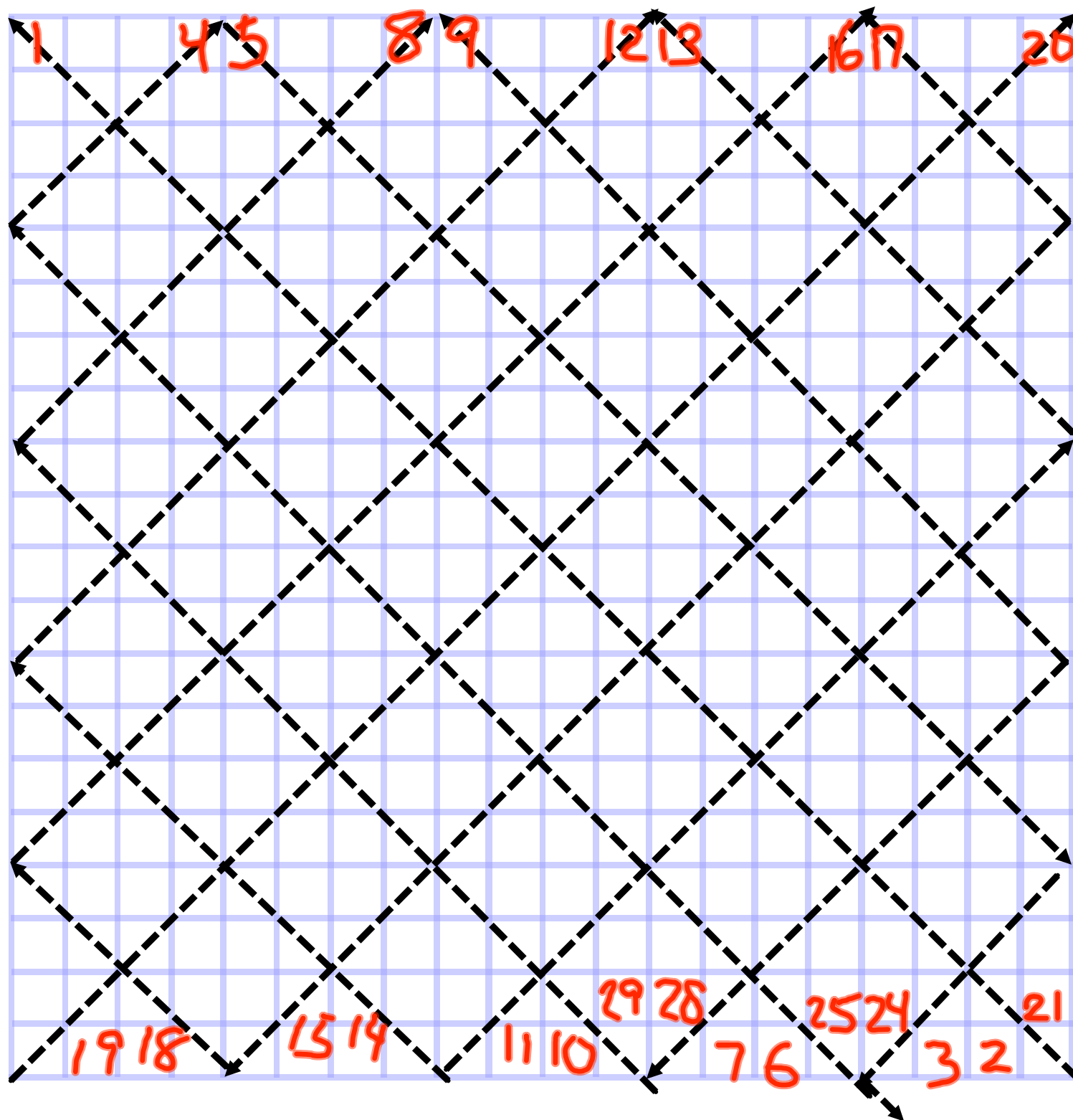


20 x 20



20 x 20 with diagonals





20 x 20  
magic  
square