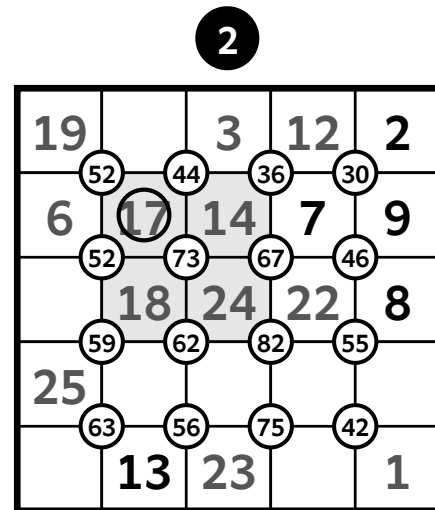
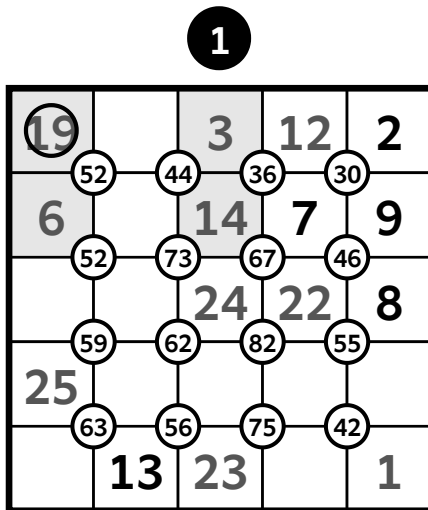




Learn a new puzzle

Sum Corners

Write 1 to 25 once. Each circle is the sum of its four squares.

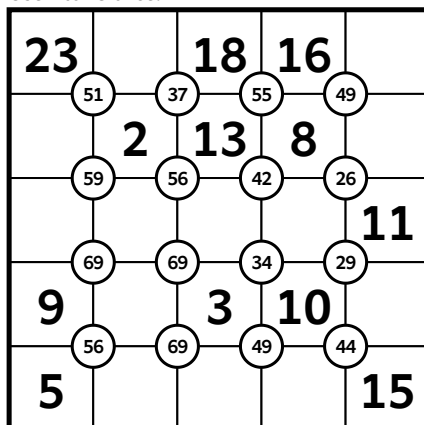
Trick: **Compare two circles**

The 52 and the 44 share two squares. So the 52's other two make 8 more. The 44's make $3 + 14 = 17$, so the 52's make $17 + 8 = 25$. $25 - 6 = 19$.

Around the 73, three squares make 56, so the last is $73 - 56 = 17$.

Try it

Use 1 to 25 once.



The answer is with the other answers.

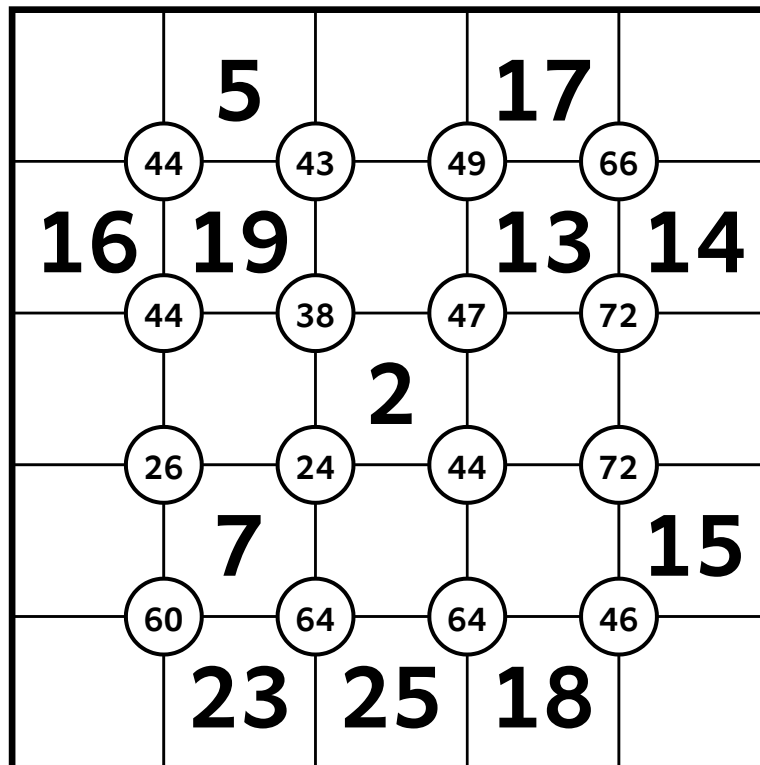
Talk about it: Ask: Which two squares do these circles share? What is left over?



- 1 **Sum Corners** Write each number once. Each circle is the sum of its four squares.



Use 1 to 25 once.

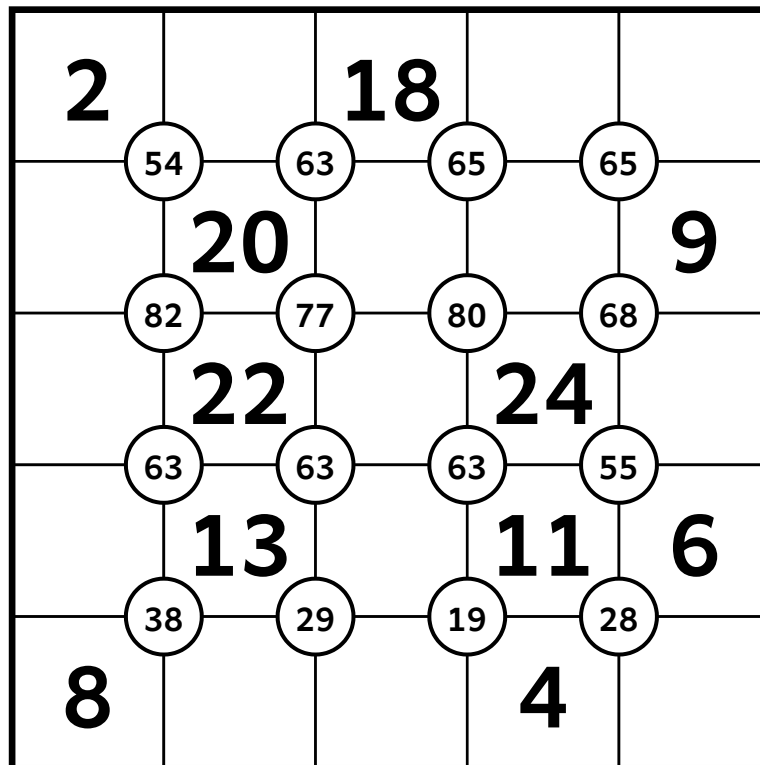




- ② **Sum Corners** Write each number once. Each circle is the sum of its four squares.



Use 1 to 25 once.

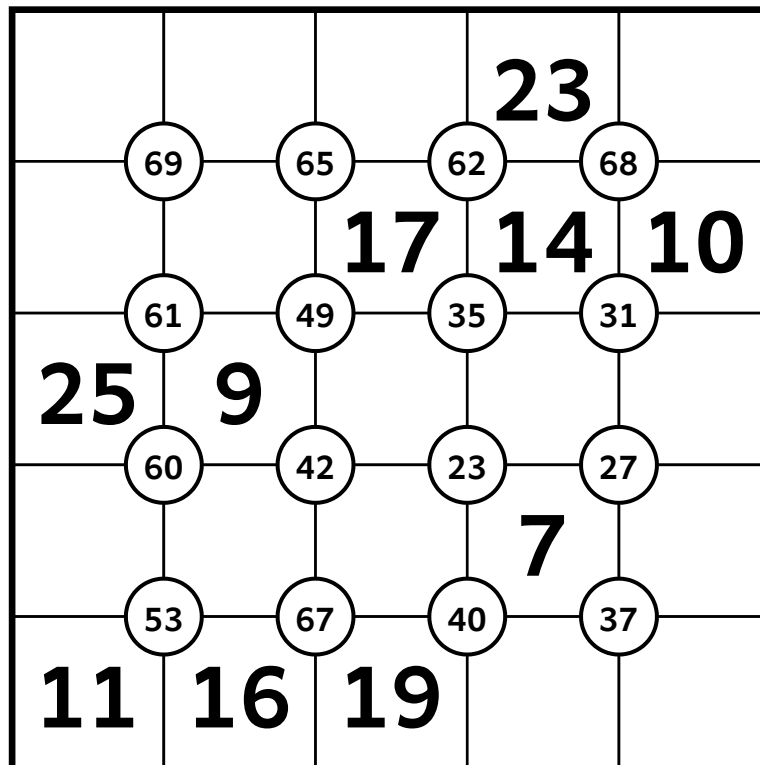




3 Sum Corners Write each number once. Each circle is the sum of its four squares.



Use 1 to 25 once.



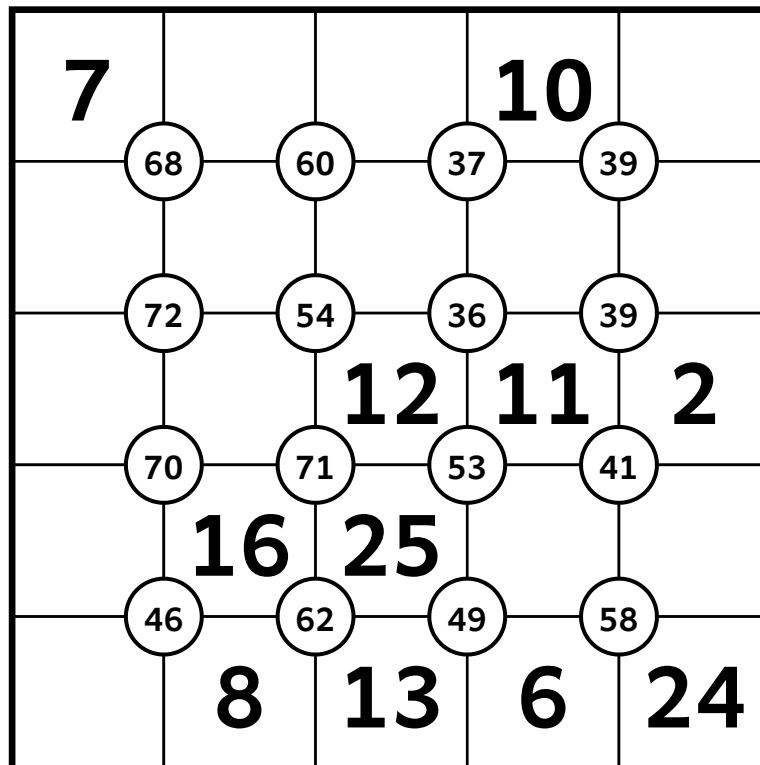


4

Sum Corners Write each number once. Each circle is the sum of its four squares.



Use 1 to 25 once.





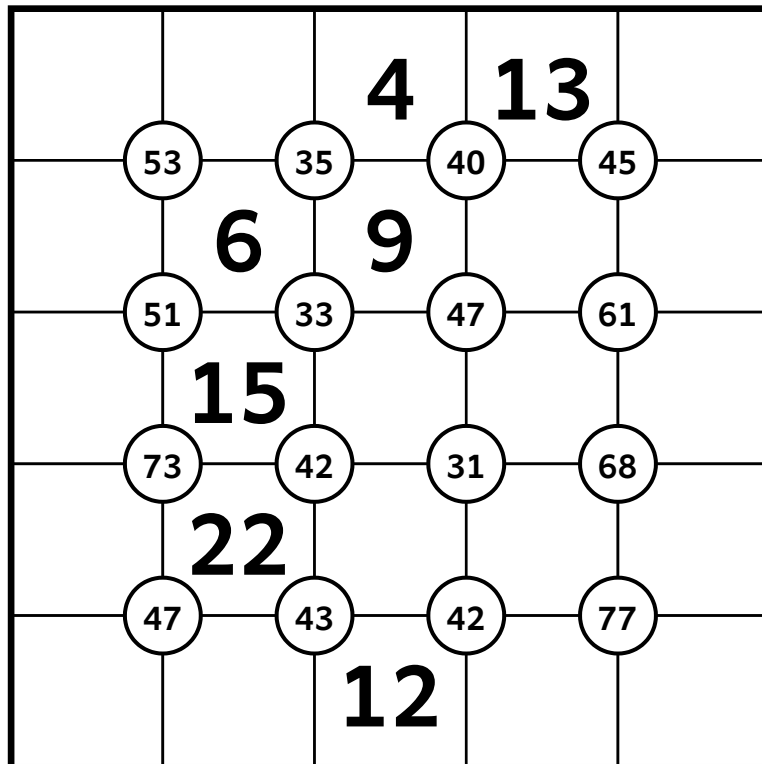
5

Sum Corners

Write each number once. Each circle is the sum of its four squares.



Use 1 to 25 once.





6

Sum Corners

Write each number once. Each circle is the sum of its four squares.



Use 1 to 25 once.

15			5	
	50	33	23	47
19				16
	64	57	53	56
23	13			22
	59	52	55	51
	52	40	36	44
		21		18



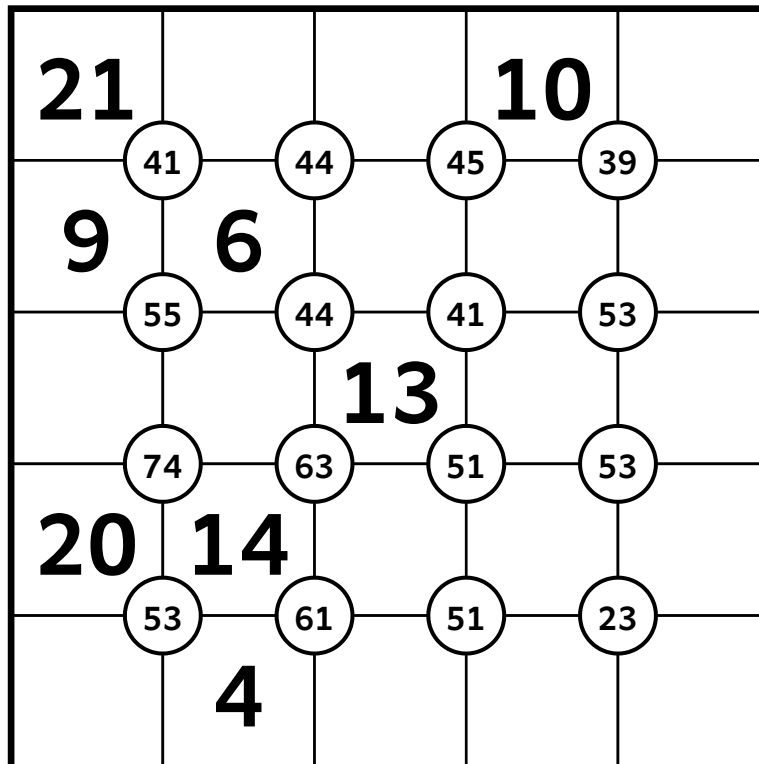
7

Sum Corners

Write each number once. Each circle is the sum of its four squares.



Use 1 to 25 once.





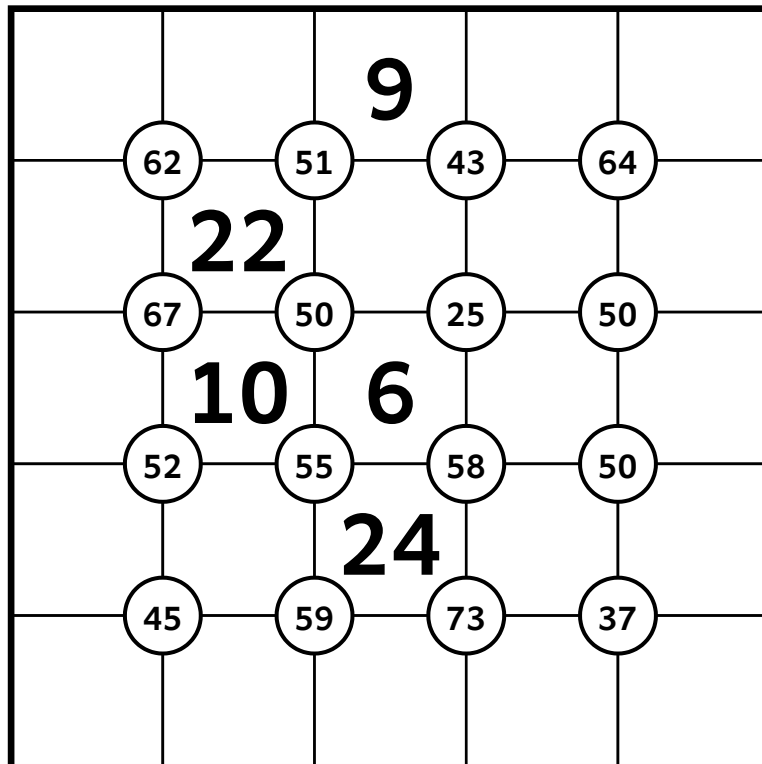
8

Sum Corners

Write each number once. Each circle is the sum of its four squares.



Use 1 to 25 once.





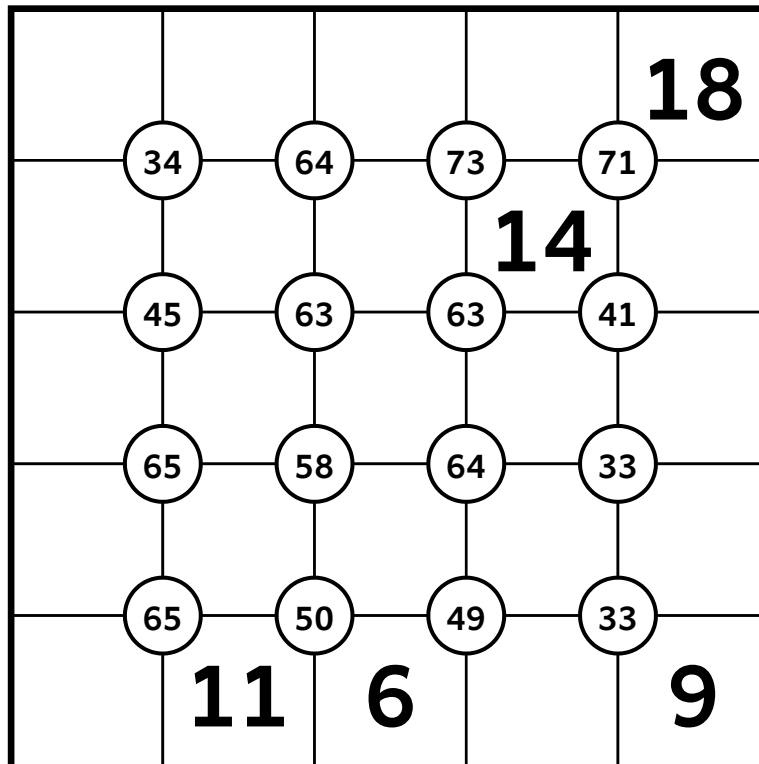
9

Sum Corners

Write each number once. Each circle is the sum of its four squares.



Use 1 to 25 once.





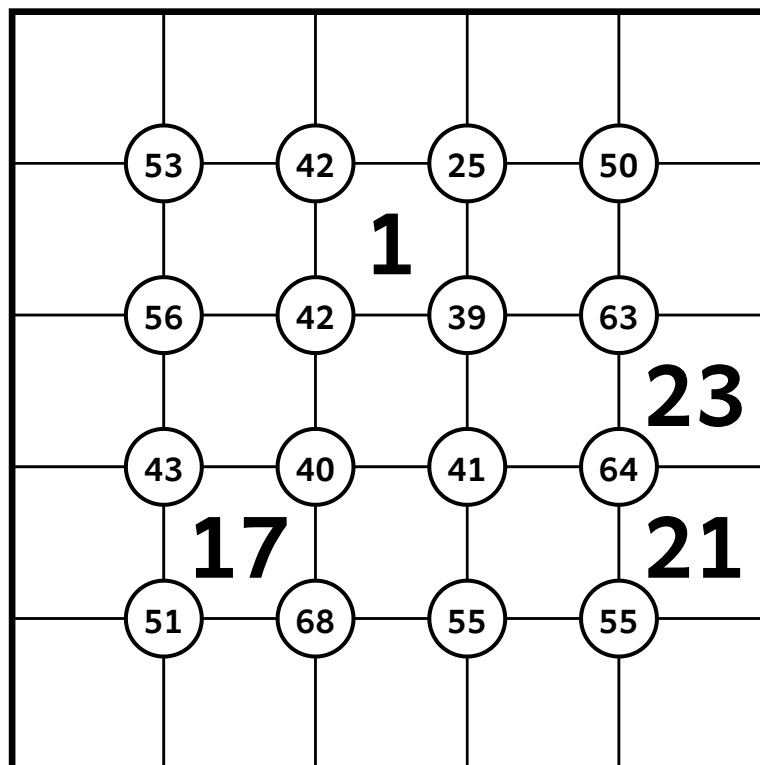
10

Sum Corners

Write each number once. Each circle is the sum of its four squares.



Use 1 to 25 once.





Answers

For grown-ups. Cut off or keep this page aside until the puzzles are done.

Learn · Sum Corners

Use 1 to 25 once.

23	4	18	16	19
51	37	55	49	
22	2	13	8	6
59	56	42	26	
14	21	20	1	11
69	69	34	29	
9	25	3	10	7
56	69	49	44	
5	17	24	12	15

#1

Use 1 to 25 once.

4	5	8	17	22
44	43	49	66	
16	19	11	13	14
44	38	47	72	
3	6	2	21	24
26	24	44	72	
10	7	9	12	15
60	64	64	46	
20	23	25	18	1

Around the 44, three squares make 40, so the last is $44 - 40 = 4$.

#2

Use 1 to 25 once.

2	15	18	16	19
54	63	65	65	
17	20	10	21	9
82	77	80	68	
23	22	25	24	14
63	63	63	55	
5	13	3	11	6
38	29	19	28	
8	12	1	4	7

Around the 55, three squares make 41, so the last is $55 - 41 = 14$. Key step: Around the 63, the 2 empty squares make 25: this one can only be 15.

#3

Use 1 to 25 once.

24	18	8	23	21
69	65	62	68	
5	22	17	14	10
61	49	35	31	
25	9	1	3	4
60	42	23	27	
6	20	12	7	13
53	67	40	37	
11	16	19	2	15

Around the 62, three squares make 54, so the last is $62 - 54 = 8$. Key step: Around the 61, the 2 empty squares make 27: this one can only be 5.

#4

Use 1 to 25 once.

7	22	14	10	3
68	60	37	39	
19	20	4	9	17
72	54	36	39	
15	18	12	11	2
70	71	53	41	
21	16	25	5	23
46	62	49	58	
1	8	13	6	24

Around the 71, three squares make 53, so the last is $71 - 53 = 18$. Key step: Around the 72, the 3 empty squares make 54: this one can only be 15.

#5

Use 1 to 25 once.

20	16	4	13	10
53	35	40	45	
11	6	9	14	8
51	33	47	61	
19	15	3	21	18
73	42	31	68	
17	22	2	5	24
47	43	42	77	
1	7	12	23	25

Around the 35, three squares make 19, so the last is $35 - 19 = 16$. Key step: Around the 73, the 2 empty squares make 36: this one can only be 19.

#6

Use 1 to 25 once.

15	7	6	5	25
50	33	23	47	
19	9	11	1	16
64	57	53	56	
23	13	24	17	22
59	52	55	51	
20	3	12	2	10
52	40	36	44	
8	21	4	18	14

Around the 64, three squares make 55, so the last is $64 - 55 = 9$. Key step: Around the 47, the 2 empty squares make 26: this one can only be 25.

#7

Use 1 to 25 once.

21	5	25	10	16
41	44	45	39	
9	6	8	2	11
55	44	41	53	
23	17	13	18	22
74	63	51	53	
20	14	19	1	12
53	61	51	23	
15	4	24	7	3

Around the 41, three squares make 36, so the last is $41 - 36 = 5$. Key step: Around the 44, the 2 empty squares make 25: this one can only be 8.

#8

Use 1 to 25 once.

11	8	9	20	17
62	51	43	64	
21	22	12	2	25
67	50	25	50	
14	10	6	5	18
52	55	58	50	
13	15	24	23	4
45	59	73	37	
16	1	19	7	3

Around the 50, three squares make 38, so the last is $50 - 38 = 12$. Key step: The 64 and the 43 share two squares. So the 64's other two make 21 more than the 43's: this one can only be 25.



Answers For grown-ups. Cut off or keep this page aside until the puzzles are done.

#9

Use 1 to 25 once.

4	16	10	24	18
34	64	73	71	
1	13	25	14	15
45	63	63	41	
23	8	17	7	5
65	58	64	33	
22	12	21	19	2
65	50	49	33	
20	11	6	3	9

Around the 63, three squares make 46, so the last is $63 - 46 = 17$. Key step: The 64 and the 63 share two squares. So the 64's other two make 1 more than the 63's: this one can only be 17 or 19.

#10

Use 1 to 25 once.

13	4	12	3	22
53	42	25	50	
11	25	1	9	16
56	42	39	63	
18	2	14	15	23
43	40	41	64	
6	17	7	5	21
51	68	55	55	
8	20	24	19	10

Around the 40, three squares make 38, so the last is $40 - 38 = 2$. Key step: The 64 and the 41 share two squares. So the 64's other two make 23 more than the 41's: this one can only be 14.