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NO. 27

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NO. 29

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		5	2	4	3	1	3	19- 1B	20- 17B	23- 3B																				
2	1	3	4	2	1	5	21	3- 7B	7- 5B	11- 23B	13- 17B	15- 21B	16- 22B	19- 8B	23- 6B	24- 22B	25- 26B	27- 16B	27- 24B	27- 28B	27- 30B	27- 31B	27- 32B	27- 22B	28- 18B	29- 22B	30- 22B	31- 22B	32- 22B	
		3	5	2	1	4	22	3- 15B	4- 13B	8- 5B	16- 6B	17- 26B	18- 10B	19- 16B	19- 24B	19- 28B	19- 30B	19- 31B	19- 32B	20- 14B	21- 18B	22- 2B	23- 22B	24- 6B	27- 8B	28- 6B	30- 6B	31- 6B	32- 6B	
		4	3	2	1	5	7	3- 23B	5- 17B	7- 21B	11- 7B	15- 5B	27- 15B	8- 22B																
		4	5	2	1	3	14	1- 26B	3- 16B	3- 24B	3- 28B	3- 30B	3- 31B	3- 32B	4- 29B	5- 18B	7- 22B	8- 21B	11- 8B	15- 6B	19- 15B									
		5	3	2	1	4	14	8- 6B	11- 15B	12- 13B	16- 5B	19- 23B	21- 17B	22- 1B	23- 21B	24- 5B	27- 7B	28- 5B	30- 5B	31- 5B	32- 5B									
		5	4	2	1	3	22	3- 8B	7- 6B	9- 26B	11- 16B	11- 24B	11- 28B	11- 30B	11- 31B	11- 32B	12- 29B	13- 18B	15- 22B	16- 21B	19- 7B	23- 5B	24- 21B	27- 23B	28- 21B	29- 17B	30- 21B	31- 21B	32- 21B	

(X) ENERGIZED
RELAY SWITCHES

EXIT POINTS

RELAY SWITCH
ARRANGEMENT
NO.

	1	2	3	4	5
1	.	.	.	.	.
2	.	.	.	.	X
3	.	.	.	X	.
4	.	.	.	X	X
5	.	.	X	.	.
6	.	.	X	.	X
7	.	.	X	X	.
8	.	.	X	X	X
9	.	X	.	.	.
10	.	X	.	.	X
11	.	X	.	X	.
12	.	X	.	X	X
13	.	X	X	.	.
14	.	X	X	.	X
15	.	X	X	X	.
16	.	X	X	X	X
17	X	.	.	.	.
18	X	.	.	.	X
19	X	.	.	X	.
20	X	.	.	X	X
21	X	.	X	.	.
22	X	.	X	.	X
23	X	.	X	X	.
24	X	.	X	X	X
25	X	X	.	.	.
26	X	X	.	.	X
27	X	X	.	X	.
28	X	X	.	X	X
29	X	X	X	.	.
30	X	X	X	.	X
31	X	X	X	X	.
32	X	X	X	X	X

	1	2	3	4	5
1	1	2	3	4	5
2	1	2	3	5	4
3	1	2	4	3	5
4	1	2	5	3	4
5	1	3	2	4	5
6	1	3	2	5	4
7	1	4	2	3	5
8	1	5	2	3	4
9	2	1	3	4	5
10	2	1	3	5	4
11	2	1	4	3	5
12	2	1	5	3	4
13	3	1	2	4	5
14	3	1	2	5	4
15	4	1	2	3	5
16	5	1	2	3	4
17	5	2	3	4	1
18	5	2	3	1	4
19	5	2	4	3	1
20	5	2	1	3	4
21	5	3	2	4	1
22	5	3	2	1	4
23	5	4	2	3	1
24	5	1	2	3	4
25	5	1	3	4	2
26	5	1	3	2	4
27	5	1	4	3	2
28	5	1	2	3	4
29	5	1	2	4	3
30	5	1	2	3	4
31	5	1	2	3	4
32	5	1	2	3	4

RESULTS OF FREQUENCY DISTRIBUTION

Of the 120 different permutations possible,

1 does not occur	-	1
1 occurs 1 time	-	1
15 occur 2 times	-	30
10 " 3 "	-	30
15 " 4 "	-	60
5 " 5 "	-	25
20 " 6 "	-	120
15 " 7 "	-	105
1 " 11 "	-	11
5 " 12 "	-	60
5 " 13 "	-	65
10 " 14 "	-	140
1 " 16 "	-	16
5 " 19 "	-	95
6 " 21 "	-	126
4 " 22 "	-	88
1 " 51 "	-	51
<u>1</u>		<u>1024</u>
120		32 ² combinations

(X) ENERGIZED
RELAY SWITCHES

EXIT POINTS

RELAY SWITCH
ARRANGEMENT
NO.

	1	3	5	2	4
1B	.	.	.	.	.
3B	.	.	.	.	X
9B	.	.	.	X	.
11B	.	.	.	X	X
2B	.	.	X	.	.
4B	.	.	X	.	X
10B	.	.	X	X	.
12B	.	.	X	X	X
5B	.	X	.	.	.
7B	.	X	.	.	X
13B	.	X	.	X	.
15B	.	X	.	X	X
6B	.	X	X	.	.
8B	.	X	X	.	X
14B	.	X	X	X	.
16B	.	X	X	X	X
17B	X	.	.	.	.
19B	X	.	.	.	X
25B	X	.	.	X	.
27B	X	.	.	X	X
18B	X	.	X	.	.
20B	X	.	X	.	X
26B	X	.	X	X	.
28B	X	.	X	X	X
21B	X	X	.	.	.
23B	X	X	.	.	X
29B	X	X	.	X	.
31B	X	X	.	X	X
22B	X	X	X	.	.
24B	X	X	X	.	X
30B	X	X	X	X	.
32B	X	X	X	X	X

	1	3	5	2	4
1	1	3	5	2	4
2	1	3	5	4	2
3	1	3	2	5	4
4	1	3	4	5	2
5	1	5	3	2	4
6	1	5	3	4	2
7	1	2	3	5	4
8	1	4	3	5	2
9	3	1	5	2	4
10	3	1	5	4	2
11	3	1	2	5	4
12	3	1	4	5	2
13	5	1	3	2	4
14	5	1	3	4	2
15	2	1	3	5	4
16	4	1	3	5	2
17	4	3	5	2	1
18	4	3	5	1	2
19	4	3	2	5	1
20	4	3	1	5	2
21	4	5	3	2	1
22	4	5	3	1	2
23	4	2	3	5	1
24	4	1	3	5	2
25	4	1	5	2	3
26	4	1	5	3	2
27	4	1	2	5	3
28	4	1	3	5	2
29	4	1	3	2	5
30	4	1	3	5	2
31	4	1	3	5	2
32	4	1	3	5	2

EXIT POINTS OF "A"
RESULTING FROM
RELAY SWITCH
ARRANGEMENT NO. 1

RELAY SWITCH
ARRANGEMENT
NO. COMBINED WITH

NO. 2

NO. 3

NO. 4

NO. 5

NO. 6

NO. 7

1B	1	2	3	4	5	✓
3B	1	4	3	2	5	✓
9B	1	5	3	4	2	✓
11B	1	5	3	2	4	✓
2B	1	2	5	4	3	✓
4B	1	4	5	2	3	✓
10B	1	5	2	4	3	✓
12B	1	5	4	2	3	✓
5B	3	2	1	4	5	✓
7B	3	4	1	2	5	✓
13B	3	5	1	4	2	✓
15B	3	5	1	2	4	✓
6B	5	2	1	4	3	✓
8B	5	4	1	2	3	✓
14B	2	5	1	4	3	✓
16B	4	5	1	2	3	✓
17B	4	2	3	1	5	✓
19B	4	1	3	2	5	✓
25B	4	5	3	1	2	✓
27B	4	5	3	2	1	✓
18B	4	2	5	1	3	✓
20B	4	1	5	2	3	✓
26B	4	5	2	1	3	✓
28B	4	5	1	2	3	✓
21B	4	2	1	3	5	✓
23B	4	3	1	2	5	✓
29B	4	5	1	3	2	✓
31B	4	5	1	2	3	✓
22B	4	2	1	5	3	✓
24B	4	5	1	2	3	✓
30B	4	5	1	2	3	✓
32B	4	5	1	2	3	✓

B	1	2	3	5	4	✓
3	1	4	3	5	2	✓
9	1	5	3	2	4	✓
11	1	5	3	4	2	✓
2	1	2	5	3	4	✓
4	1	4	5	3	2	✓
10	1	5	2	3	4	✓
12	1	5	4	3	2	✓
5	3	2	1	5	4	✓
7	3	4	1	5	2	✓
13	3	5	1	2	4	✓
15	3	5	1	4	2	✓
6	5	2	1	3	4	✓
8	5	4	1	3	2	✓
14	2	5	1	3	4	✓
16	4	5	1	3	2	✓
17	4	2	3	5	1	✓
19	4	1	3	5	2	✓
25	4	5	3	2	1	✓
27	4	5	3	1	2	✓
18	4	2	5	3	1	✓
20	4	1	5	3	2	✓
26	4	5	2	3	1	✓
28	4	5	1	3	2	✓
21	4	2	1	5	3	✓
23	4	3	1	5	2	✓
29	4	5	1	2	3	✓
31	4	5	1	3	2	✓
22	4	2	1	3	5	✓
24	4	5	1	3	2	✓
30	4	5	1	3	2	✓
32	4	5	1	3	2	✓

B	1	2	4	3	5	✓
3	1	4	2	3	5	✓
9	1	5	4	3	2	✓
11	1	5	2	3	4	✓
2	1	2	4	5	3	✓
4	1	4	2	5	3	✓
10	1	5	4	2	3	✓
12	1	5	2	4	3	✓
5	3	2	4	1	5	✓
7	3	4	2	1	5	✓
13	3	5	4	1	2	✓
15	3	5	2	1	4	✓
6	5	2	4	1	3	✓
8	5	4	2	1	3	✓
14	2	5	4	1	3	✓
16	4	5	2	1	3	✓
17	4	2	1	3	5	✓
19	4	1	2	3	5	✓
25	4	5	1	3	2	✓
27	4	5	2	3	1	✓
18	4	2	1	5	3	✓
20	4	1	2	5	3	✓
26	4	5	1	2	3	✓
28	4	5	2	1	3	✓
21	4	2	3	1	5	✓
23	4	3	2	1	5	✓
29	4	5	3	1	2	✓
31	4	5	2	1	3	✓
22	4	2	5	1	3	✓
24	4	5	2	1	3	✓
30	4	5	2	1	3	✓
32	4	5	2	1	3	✓

B	1	2	5	3	4	✓
3	1	4	5	3	2	✓
9	1	5	2	3	4	✓
11	1	5	4	3	2	✓
2	1	2	3	5	4	✓
4	1	4	3	5	2	✓
10	1	5	3	2	4	✓
12	1	5	3	4	2	✓
5	3	2	5	1	4	✓
7	3	4	5	1	2	✓
13	3	5	2	1	4	✓
15	3	5	4	1	2	✓
6	5	2	3	1	4	✓
8	5	4	3	1	2	✓
14	2	5	3	1	4	✓
16	4	5	3	1	2	✓
17	4	2	5	3	1	✓
19	4	1	5	3	2	✓
25	4	5	2	3	1	✓
27	4	5	1	3	2	✓
18	4	2	3	5	1	✓
20	4	1	3	5	2	✓
26	4	5	3	2	1	✓
28	4	5	3	1	2	✓
21	4	2	5	1	3	✓
23	4	3	5	1	2	✓
29	4	5	2	1	3	✓
31	4	5	3	1	2	✓
22	4	2	3	1	5	✓
24	4	5	3	1	2	✓
30	4	5	3	1	2	✓
32	4	5	3	1	2	✓

B	1	3	2	4	5	✓
3	1	3	4	2	5	✓
9	1	3	5	4	2	✓
11	1	3	5	2	4	✓
2	1	5	2	4	3	✓
4	1	5	4	2	3	✓
10	1	2	5	4	3	✓
12	1	4	5	2	3	✓
5	3	1	2	4	5	✓
7	3	1	4	2	5	✓
13	3	1	5	4	2	✓
15	3	1	5	2	4	✓
6	5	1	2	4	3	✓
8	5	1	4	2	3	✓
14	2	1	5	4	3	✓
16	4	1	5	2	3	✓
17	4	3	2	1	5	✓
19	4	3	1	2	5	✓
25	4	3	5	1	2	✓
27	4	3	5	2	1	✓
18	4	5	2	1	3	✓
20	4	5	1	2	3	✓
26	4	2	5	1	3	✓
28	4	1	5	2	3	✓
21	4	1	2	3	5	✓
23	4	1	3	2	5	✓
29	4	1	5	3	2	✓
31	4	1	5	2	3	✓
22	4	1	2	5	3	✓
24	4	1	5	2	3	✓
30	4	1	5	2	3	✓
32	4	1	5	2	3	✓

B	1	3	2	5	4	✓
3	1	3	4	5	2	✓
9	1	3	5	2	4	✓
11	1	3	5	4	2	✓
2	1	5	2	3	4	✓
4	1	5	4	3	2	✓
10	1	2	5	3	4	✓
12	1	4	5	3	2	✓
5	3	1	2	5	4	✓
7	3	1	4	5	2	✓
13	3	1	5	2	4	✓
15	3	1	5	4	2	✓
6	5	1	2	3	4	✓
8	5	1	4	3	2	✓
14	2	1	5	3	4	✓
16	4	1	5	3	2	✓
17	4	3	2	5	1	✓
19	4	3	1	5	2	✓
25	4	3	5	2	1	✓
27	4	3	5	1	2	✓
18	4	5	2	3	1	✓
20	4	5	1	3	2	✓
26	4	2	5	3	1	✓
28	4	1	5	3	2	✓
21	4	1	2	5	3	✓
23	4	1	3	5	2	✓
29	4	1	5	2	3	✓
31	4	1	5	3	2	✓
22	4	1	2	3	5	✓
24	4	1	5	3	2	✓
30	4	1	5	3	2	✓
32	4	1	5	3	2	✓

B	1	4	2	3	5	✓
3	1	2	4	3	5	✓
9	1	4	5	3	2	✓
11	1	2	5	3	4	✓
2	1	4	2	5	3	✓
4	1	2	4	5	3	✓
10	1	4	5	2	3	✓
12	1	2	5	4	3	✓
5	3	4	2	1	5	✓
7	3	2	4	1	5	✓
13	3	4	5	1	2	✓
15	3	2	5	1	4	✓
6	5	4	2	1	3	✓
8	5	2	4	1	3	✓
14	2	4	5	1	3	✓
16	4	2	5	1	3	✓
17	4	1	2	3	5	✓
19	4	2	1	3	5	✓
25	4	1	5	3	2	✓
27	4	2	5	3	1	✓
18	4	1	2	5	3	✓
20	4	2	1	5	3	✓
26	4	1	5	2	3	✓
28	4	2	5	1	3	✓
21	4	3	2	1	5	✓
23	4	2	3	1	5	✓
29	4	3	5	1	2	✓
31	4	2	5	1	3	✓
22	4	5	2	1	3	✓
24	4	2	5	1	3	✓
30	4	2	5	1	3	✓
32	4	2	5	1	3	✓

No. 8

B					
1	1	5	2	3	4
3	1	5	4	3	2
9	1	2	5	3	4
11	1	4	5	3	2
2	1	3	2	5	4
4	1	3	4	5	2
10	1	3	5	2	4
12	1	3	5	4	2
5	3	5	2	1	4
7	3	5	4	1	2
13	3	2	5	1	4
15	3	4	5	1	2
6	5	3	2	1	4
8	5	3	4	1	2
14	2	3	5	1	4
16	4	3	5	1	2
17	4	5	2	3	1
19	4	5	1	3	2
25	4	2	5	3	1
27	4	1	5	3	2
18	4	3	2	5	1
20	4	3	1	5	2
24	4	3	5	2	1
28	4	3	5	1	2
21	4	5	2	1	3
23	4	5	3	1	2
29	4	2	5	1	3
31	4	3	5	1	2
22	4	3	2	1	5
24	4	3	5	1	2
30	4	3	5	1	2
32	4	3	5	1	2

No. 9

B					
1	2	1	3	4	5
3	4	1	3	2	5
9	5	1	3	4	2
11	5	1	3	2	4
2	2	1	5	4	3
4	4	1	5	2	3
10	5	1	2	4	3
12	5	1	4	2	3
5	2	3	1	4	5
7	4	3	1	2	5
13	5	3	1	4	2
15	5	3	1	2	4
6	2	5	1	4	3
8	4	5	1	2	3
14	5	2	1	4	3
16	5	4	1	2	3
17	2	4	3	1	5
19	1	4	3	2	5
25	5	4	3	1	2
27	5	4	3	2	1
18	2	4	5	1	3
20	1	4	5	2	3
26	5	4	2	1	3
28	5	4	1	2	3
21	2	4	1	3	5
23	3	4	1	2	5
29	5	4	1	3	2
31	5	4	1	2	3
22	2	4	1	5	3
24	5	4	1	2	3
30	5	4	1	2	3
32	5	4	1	2	3

No. 10

B					
1	2	1	3	5	4
3	4	1	3	5	2
9	5	1	3	2	4
11	5	1	3	4	2
2	2	1	5	3	4
4	4	1	5	3	2
10	5	1	2	3	4
12	5	1	4	3	2
5	2	3	1	5	4
7	4	3	1	5	2
13	5	3	1	2	4
15	5	3	1	4	2
6	2	5	1	3	4
8	4	5	1	3	2
14	5	2	1	3	4
16	5	4	1	3	2
17	2	4	3	5	1
19	1	4	3	5	2
25	5	4	3	2	1
27	5	4	3	1	2
18	2	4	5	3	1
20	1	4	5	3	2
26	5	4	2	3	1
28	5	4	1	3	2
21	2	4	1	5	3
23	3	4	1	5	2
29	5	4	1	2	3
31	5	4	1	3	2
22	2	4	1	3	5
24	5	4	1	3	2
30	5	4	1	3	2
32	5	4	1	3	2

No. 11

B					
1	2	1	4	3	5
3	4	1	2	3	5
9	5	1	4	3	2
11	5	1	2	3	4
2	2	1	4	5	3
4	4	1	2	5	3
10	5	1	4	2	3
12	5	1	2	4	3
5	2	3	4	1	5
7	4	3	2	1	5
13	5	3	4	1	2
15	5	3	2	1	4
6	2	5	4	1	3
8	4	5	2	1	3
14	5	2	4	1	3
16	5	4	2	1	3
17	2	4	1	3	5
19	1	4	2	3	5
25	5	4	1	3	2
27	5	4	2	3	1
18	2	4	1	5	3
20	1	4	2	5	3
26	5	4	1	2	3
28	5	4	2	1	3
21	2	4	3	1	5
23	3	4	2	1	5
29	5	4	3	1	2
31	5	4	2	1	3
22	2	4	5	1	3
24	5	4	2	1	3
30	5	4	2	1	3
32	5	4	2	1	3

No. 12

B					
1	2	1	5	3	4
3	4	1	5	3	2
9	5	1	2	3	4
11	5	1	4	3	2
2	2	1	3	5	4
4	4	1	3	5	2
10	5	1	3	2	4
12	5	1	3	4	2
5	2	3	5	1	4
7	4	3	5	1	2
13	5	3	2	1	4
15	5	3	4	1	2
6	2	5	3	1	4
8	4	5	3	1	2
14	5	2	3	1	4
16	5	4	3	1	2
17	2	4	5	3	1
19	1	4	5	3	2
25	5	4	2	3	1
27	5	4	1	3	2
18	2	4	3	5	1
20	1	4	3	5	2
26	5	4	3	2	1
28	5	4	3	1	2
21	2	4	5	1	3
23	3	4	5	1	2
29	5	4	2	1	3
31	5	4	3	1	2
22	2	4	3	1	5
24	5	4	3	1	2
30	5	4	3	1	2
32	5	4	3	1	2

No. 13

B					
1	3	1	2	4	5
3	3	1	4	2	5
9	3	1	5	4	2
11	3	1	5	2	4
2	5	1	2	4	3
4	5	1	4	2	3
10	2	1	5	4	3
12	4	1	5	2	3
5	1	3	2	4	5
7	1	3	4	2	5
13	1	3	5	4	2
15	1	3	5	2	4
6	1	5	2	4	3
8	1	5	4	2	3
14	1	2	5	4	3
16	1	4	5	2	3
17	3	4	2	1	5
19	3	4	1	2	5
25	3	4	5	1	2
27	3	4	5	2	1
18	5	4	2	1	3
20	5	4	1	2	3
26	2	4	5	1	3
28	1	4	5	2	3
21	1	4	2	3	5
23	1	4	3	2	5
29	1	4	5	3	2
31	1	4	5	2	3
22	1	4	2	5	3
24	1	4	5	2	3
30	1	4	5	2	3
32	1	4	5	2	3

No. 14

B					
1	3	1	2	5	4
3	3	1	4	5	2
9	3	1	5	2	4
11	3	1	5	4	2
2	5	1	2	3	4
4	5	1	4	3	2
10	2	1	5	3	4
12	4	1	5	3	2
5	1	3	2	5	4
7	1	3	4	5	2
13	1	3	5	2	4
15	1	3	5	4	2
6	1	5	2	3	4
8	1	5	4	3	2
14	1	2	5	3	4
16	1	4	5	3	2
17	3	4	2	5	1
19	3	4	1	5	2
25	3	4	5	2	1
27	3	4	5	1	2
18	5	4	2	3	1
20	5	4	1	3	2
26	2	4	5	3	1
28	1	4	5	3	2
21	1	4	2	5	3
23	1	4	3	5	2
29	1	4	5	2	3
31	1	4	5	3	2
22	1	4	2	3	5
24	1	4	5	3	2
30	1	4	5	3	2
32	1	4	5	3	2

No. 15

B						
1	4	1	2	3	5	✓
3	2	1	4	3	5	✓
9	4	1	5	3	2	✓
11	2	1	5	3	4	✓
2	4	1	2	5	3	✓
4	2	1	4	5	3	✓
10	4	1	5	2	3	✓
12	2	1	5	4	3	✓
5	4	3	2	1	5	✓
7	2	3	4	1	5	✓
13	4	3	5	1	2	✓
15	2	3	5	1	4	✓
6	4	5	2	1	3	✓
8	2	5	4	1	3	✓
14	4	2	5	1	3	✓
16	2	4	5	1	3	✓
17	1	4	2	3	5	✓
19	2	4	1	3	5	✓
25	1	4	5	3	2	✓
27	2	4	5	3	1	✓
18	1	4	2	5	3	✓
20	2	4	1	5	3	✓
26	1	4	5	2	3	✓
28	2	4	5	1	3	✓
21	3	4	2	1	5	✓
23	2	4	3	1	5	✓
24	3	4	5	1	2	✓
31	2	4	5	1	3	✓
22	5	4	2	1	3	✓
24	2	4	5	1	3	✓
30	2	4	5	1	3	✓
32	2	4	5	1	3	✓

No. 16,
24, 28, 30, 31, 32

B						
1	5	1	2	3	4	✓
3	5	1	4	3	2	✓
9	2	1	5	3	4	✓
11	4	1	5	3	2	✓
2	3	1	2	5	4	✓
4	3	1	4	5	2	✓
10	3	1	5	2	4	✓
12	3	1	5	4	2	✓
5	5	3	2	1	4	✓
7	5	3	4	1	2	✓
13	2	3	5	1	4	✓
15	4	3	5	1	2	✓
6	3	5	2	1	4	✓
8	3	5	4	1	2	✓
14	3	2	5	1	4	✓
16	3	4	5	1	2	✓
17	5	4	2	3	1	✓
19	5	4	1	3	2	✓
25	2	4	5	3	1	✓
27	1	4	5	3	2	✓
18	3	4	2	5	1	✓
20	3	4	1	5	2	✓
26	3	4	5	2	1	✓
28	3	4	5	1	2	✓
21	5	4	2	1	3	✓
23	5	4	3	1	2	✓
24	2	4	5	1	3	✓
31	3	4	5	1	2	✓
22	3	4	2	1	5	✓
24	3	4	5	1	2	✓
30	3	4	5	1	2	✓
32	3	4	5	1	2	✓

No. 17

B						
1	5	2	3	4	1	✓
3	5	4	3	2	1	✓
9	2	5	3	4	1	✓
11	4	5	3	2	1	✓
2	3	2	5	4	1	✓
4	3	4	5	2	1	✓
10	3	5	2	4	1	✓
12	3	5	4	2	1	✓
5	5	2	1	4	3	✓
7	5	4	1	2	3	✓
13	2	5	1	4	3	✓
15	4	5	1	2	3	✓
6	3	2	1	4	5	✓
8	3	4	1	2	5	✓
14	3	5	1	4	2	✓
16	3	5	1	2	4	✓
17	5	2	3	1	4	✓
19	5	1	3	2	4	✓
25	2	5	3	1	4	✓
27	1	5	3	2	4	✓
18	3	2	5	1	4	✓
20	3	1	5	2	4	✓
26	3	5	2	1	4	✓
28	3	5	1	2	4	✓
21	5	2	1	3	4	✓
23	5	3	1	2	4	✓
24	2	5	1	3	4	✓
31	3	5	1	2	4	✓
22	3	2	1	5	4	✓
24	3	5	1	2	4	✓
30	3	5	1	2	4	✓
32	3	5	1	2	4	✓

No. 18

B						
1	5	2	3	1	4	✓
3	5	4	3	1	2	✓
9	2	5	3	1	4	✓
11	4	5	3	1	2	✓
2	3	2	5	1	4	✓
4	3	4	5	1	2	✓
10	3	5	2	1	4	✓
12	3	5	4	1	2	✓
5	5	2	1	3	4	✓
7	5	4	1	3	2	✓
13	2	5	1	3	4	✓
15	4	5	1	3	2	✓
6	3	2	1	5	4	✓
8	3	4	1	5	2	✓
14	3	5	1	2	4	✓
16	3	5	1	4	2	✓
17	5	2	3	4	1	✓
19	5	1	3	4	2	✓
25	2	5	3	4	1	✓
27	1	5	3	4	2	✓
18	3	2	5	4	1	✓
20	3	1	5	4	2	✓
26	3	5	2	4	1	✓
28	3	5	1	4	2	✓
21	5	2	1	4	3	✓
23	5	3	1	4	2	✓
24	2	5	1	4	3	✓
31	3	5	1	4	2	✓
22	3	2	1	4	5	✓
24	3	5	1	4	2	✓
30	3	5	1	4	2	✓
32	3	5	1	4	2	✓

No. 19

B						
1	5	2	4	3	1	✓
3	5	4	2	3	1	✓
9	2	5	4	3	1	✓
11	4	5	2	3	1	✓
2	3	2	4	5	1	✓
4	3	4	2	5	1	✓
10	3	5	4	2	1	✓
12	3	5	2	4	1	✓
5	5	2	4	1	3	✓
7	5	4	2	1	3	✓
13	2	5	4	1	3	✓
15	4	5	2	1	3	✓
6	3	2	4	1	5	✓
8	3	4	2	1	5	✓
14	3	5	4	1	2	✓
16	3	5	2	1	4	✓
17	5	2	1	3	4	✓
19	5	1	2	3	4	✓
25	2	5	1	3	4	✓
27	1	5	2	3	4	✓
18	3	2	1	5	4	✓
20	3	1	2	5	4	✓
26	3	5	1	2	4	✓
28	3	5	2	1	4	✓
21	5	2	3	1	4	✓
23	5	3	2	1	4	✓
24	2	5	3	1	4	✓
31	3	5	2	1	4	✓
22	3	2	5	1	4	✓
24	3	5	2	1	4	✓
30	3	5	2	1	4	✓
32	3	5	2	1	4	✓

No. 20

B						
1	5	2	1	3	4	✓
3	5	4	1	3	2	✓
9	2	5	1	3	4	✓
11	4	5	1	3	2	✓
2	3	2	1	5	4	✓
4	3	4	1	5	2	✓
10	3	5	1	2	4	✓
12	3	5	1	4	2	✓
5	5	2	3	1	4	✓
7	5	4	3	1	2	✓
13	2	5	3	1	4	✓
15	4	5	3	1	2	✓
6	3	2	5	1	4	✓
8	3	4	5	1	2	✓
14	3	5	2	1	4	✓
16	3	5	4	1	2	✓
17	5	2	4	3	1	✓
19	5	1	4	3	2	✓
25	2	5	4	3	1	✓
27	1	5	4	3	2	✓
18	3	2	4	5	1	✓
20	3	1	4	5	2	✓
26	3	5	4	2	1	✓
28	3	5	4	1	2	✓
21	5	2	4	1	3	✓
23	5	3	4	1	2	✓
24	2	5	4	1	3	✓
31	3	5	4	1	2	✓
22	3	2	4	1	5	✓
24	3	5	4	1	2	✓
30	3	5	4	1	2	✓
32	3	5	4	1	2	✓

No. 21

B						
1	5	3	2	4	1	✓
3	5	3	4	2	1	✓
9	2	3	5	4	1	✓
11	4	3	5	2	1	✓
2	3	5	2	4	1	✓
4	3	5	4	2	1	✓
10	3	2	5	4	1	✓
12	3	4	5	2	1	✓
5	5	1	2	4	3	✓
7	5	1	4	2	3	✓
13	2	1	5	4	3	✓
15	4	1	5	2	3	✓
6	3	1	2	4	5	✓
8	3	1	4	2	5	✓
14	3	1	5	4	2	✓
16	3	1	5	2	4	✓
17	5	3	2	1	4	✓
19	5	3	1	2	4	✓
25	2	3	5	1	4	✓
27	1	3	5	2	4	✓
18	3	5	2	1	4	✓
20	3	5	1	2	4	✓
26	3	2	5	1	4	✓
28	3	1	5	2	4	✓
21	5	1	2	3	4	✓
23	5	1	3	2	4	✓
24	2	1	5	3	4	✓
31	3	1	5	2	4	✓
22	3	1	2	5	4	✓
24	3	1	5	2	4	✓
30	3	1	5	2	4	✓
32	3	1	5	2	4	✓