

**Page 1**

0, 1, 2, 3, 4, 5, 6, 7, 5, 9,  
2, 3, 6, 0, 9, 3, 4, 6, 2, 1,  
6, 8, 9, 2, 7, 5, 4, 8, 3, 6,  
1, 2, 7, 9, 0, 4, 3, 5, 6, 2,  
0, 2, 9, 7, 0, 4, 3, 8, 0, 6,  
2, 0, 3, 6, 1, 9, 4, 5, 8, 0,  
6, 3, 2, 7, 1, 9, 2, 7, 6, 3,  
2, 6, 3, 1, 9, 7, 3, 0, 8, 5,  
3, 2, 6, 2, 4, 8, 6, 2, 5, 3,  
8, 2, 6, 1, 4, 7, 6, 9, 5, 2

**Page 2**

0, 2, 4, 6, 8, 10, 12, 14, 16, 18,  
16, 4, 14, 6, 8, 4, 6, 12, 0, 18,  
6, 8, 14, 10, 2, 12, 16, 18, 4, 14,  
10, 6, 16, 10, 2, 0, 4, 14, 18, 0,  
8, 2, 16, 6, 8, 10, 4, 18, 14, 8,  
16, 10, 6, 10, 12, 4, 0, 14, 6, 2,  
18, 8, 10, 16, 2, 12, 6, 4, 14, 6,  
4, 12, 6, 14, 0, 4, 12, 6, 2, 18,  
14, 8, 0, 16, 10, 6, 4, 14, 12, 8,  
16, 18, 12, 10, 6, 4, 12, 0, 2, 8

**Page 3**

0, 3, 6, 9, 12, 15, 18, 21, 24, 27,  
24, 6, 18, 15, 3, 6, 9, 18, 0, 3,  
9, 24, 27, 15, 3, 18, 24, 27, 6, 21, 15,  
12, 24, 9, 18, 3, 6, 21, 27, 0,  
12, 9, 27, 12, 0, 18, 6, 27, 21, 12, 24,  
3, 9, 15, 18, 6, 0, 21, 9, 3,  
27, 15, 12, 18, 0, 18, 9, 7, 21, 3,  
27, 18, 15, 24, 27, 6, 18, 9, 3, 27  
21, 12, 0, 27, 15, 9, 6, 18, 3, 12,  
21, 6, 12, 24, 3, 0, 21, 9, 15, 27

**Page 4**

0, 4, 8, 12, 16, 20, 24, 28, 32, 36,  
32, 8, 28, 12, 20, 8, 12, 24, 0, 36,  
12, 16, 28, 20, 4, 24, 32, 36, 8, 28,  
20, 16, 32, 12, 24, 4, 8, 28, 36, 0,  
16, 4, 32, 12, 16, 20, 8, 36, 28, 16,  
32, 20, 12, 20, 24, 8, 0, 28, 12, 4,  
36, 16, 20, 36, 4, 24, 12, 8, 28, 12  
8, 24, 12, 28, 0, 8, 24, 12, 4, 36,  
28, 16, 0, 32, 20, 12, 8, 28, 20, 16,  
32, 36, 24, 20, 12, 0, 8, 24, 4, 16

**Page 5**

0, 5, 10, 15, 20, 25, 30, 35, 40, 45,  
40, 10, 35, 40, 25, 5, 15, 20, 30, 0,  
15, 40, 0, 10, 5, 30, 35, 45, 25, 20,  
25, 20, 40, 15, 30, 5, 10, 35, 45, 0, 20,  
5, 35, 0, 45, 25, 10, 40, 30, 15,  
45, 25, 15, 40, 30, 10, 0, 35, 5, 20,  
35, 20, 25, 40, 5, 30, 15, 10, 35, 15,  
10, 30, 15, 35, 0, 10, 40, 45, 5, 20,  
30, 5, 0, 40, 25, 15, 10, 20, 35, 45,  
40, 45, 30, 25, 15, 0, 10, 35, 5, 20

**Page 6**

0, 6, 12, 18, 24, 30, 36, 42, 48, 54  
48, 12, 42, 18, 30, 6, 0, 36, 24, 54,  
18, 24, 42, 30, 6, 36, 48, 54, 12, 0,  
30, 0, 48, 18, 24, 6, 12, 42, 54, 36,  
36, 6, 0, 12, 24, 48, 18, 54, 42, 30,  
48, 30, 18, 24, 36, 12, 0, 18, 6, 54,  
42, 24, 30, 48, 6, 54, 18, 12, 0, 36,  
12, 36, 18, 42, 0, 48, 24, 30, 54, 6, 6,  
18, 0, 48, 30, 12, 36, 42, 30, 24,  
0, 36, 24, 30, 18, 54, 12, 42, 6, 48

**Page 7**

0, 7, 14, 21, 28, 35, 42, 49, 56, 63,  
56, 14, 49, 0, 35, 7, 21, 42, 28, 63,  
21, 28, 63, 35, 7, 42, 56, 0, 14, 49,  
35, 0, 56, 21, 42, 7, 14, 49, 63, 28,  
63, 7, 56, 21, 28, 49, 14, 42, 0, 35,  
56, 35, 21, 0, 42, 14, 7, 49, 28, 63,  
14, 28, 42, 63, 7, 35, 21, 49, 0, 56  
28, 42, 21, 49, 0, 63, 35, 7, 56, 14,  
49, 28, 0, 56, 35, 21, 14, 42, 7, 63,  
14, 63, 42, 35, 21, 0, 28, 56, 7, 49

**Page 8**

0, 8, 16, 24, 32, 40, 48, 56, 64, 72  
64, 16, 56, 24, 40, 72, 0, 48, 32, 8,  
24, 24, 0, 40, 8, 48, 64, 72, 16, 56,  
40, 72, 64, 24, 48, 8, 16, 56, 72, 0,  
64, 0, 72, 56, 48, 32, 16, 8, 40, 24,  
24, 40, 8, 16, 72, 0, 64, 56, 32, 48  
72, 32, 40, 64, 8, 48, 24, 16, 56, 0,  
16, 48, 24, 56, 0, 64, 40, 32, 8, 72,  
56, 32, 0, 64, 40, 24, 16, 48, 72, 8,  
64, 72, 48, 40, 24, 0, 16, 56, 8, 32

**Page 9**

0, 9, 18, 27, 36, 45, 54, 63, 72, 81  
72, 18, 63, 81, 45, 9, 27, 54, 36, 45, 0  
27, 63, 36, 45, 9, 54, 0, 81, 18, 72,  
45, 81, 72, 0, 54, 9, 36, 63, 27, 18  
0, 9, 72, 27, 45, 36, 18, 81, 63, 54,  
72, 45, 27, 0, 54, 18, 81, 63, 37, 9,  
81, 36, 45, 72, 9, 54, 27, 18, 63, 0  
18, 54, 27, 63, 0, 45, 72, 36, 9, 81,  
63, 9, 0, 72, 45, 27, 18, 81, 54, 36,  
0, 27, 54, 72, 9, 18, 45, 36, 81, 63

**Page 10**

0, 1, 0, 7, 0, 6, 4, 2, 8, 0,  
8, 0, 7, 0, 0, 1, 3, 6, 0, 9,  
3, 0, 0, 5, 0, 6, 0, 9, 2, 0  
0, 4, 8, 0, 0, 1, 0, 7, 0, 0,  
0, 0, 0, 3, 5, 0, 2, 9, 0, 4,  
8, 5, 0, 0, 6, 2, 0, 7, 3, 1,  
9, 4, 0, 0, 0, 0, 3, 2, 0, 3,  
2, 6, 0, 0, 0, 5, 0, 3, 1, 0,  
7, 4, 0, 8, 0, 3, 2, 0, 0, 0,  
0, 0, 0, 5, 0, 0, 2, 6, 1, 0

**Page 11**

0, 2, 18, 4, 8, 12, 1, 9, 8, 16,  
2, 0, 4, 3, 10, 6, 10, 6, 8, 14,  
4, 18, 4, 2, 10, 6, 14, 6, 2, 1,  
16, 8, 0, 1, 4, 12, 7, 10, 3, 14,  
6, 4, 16, 6, 3, 18, 8, 6, 10, 7,  
14, 8, 2, 0, 18, 8, 14, 7, 5, 6,  
9, 4, 5, 0, 10, 7, 12, 5, 18, 6,  
2, 8, 14, 16, 9, 12, 2, 6, 0, 0,  
10, 3, 4, 4, 10, 6, 16, 5, 6, 6,  
6, 8, 0, 2, 9, 8, 14, 8, 5, 12

**Page 12**

4, 0, 27, 8, 0, 21, 6, 24, 12, 12,  
6, 3, 3, 18, 10, 18, 15, 14, 9, 6,  
27, 10, 4, 6, 18, 6, 12, 15, 24, 14,  
10, 21, 15, 8, 4, 0, 2, 21, 12, 12,  
18, 6, 12, 12, 9, 10, 24, 14, 9, 4,  
24, 18, 0, 18, 14, 27, 12, 4, 10, 21,  
12, 4, 18, 15, 8, 4, 2, 6, 12, 18,  
9, 0, 8, 18, 3, 4, 0, 24, 18, 16,  
15, 8, 24, 14, 18, 27, 0, 3, 12, 4,  
18, 12, 6, 18, 12, 24, 21, 15, 12, 21

# ANSWER KEY

## Page 13

27, 0, 3, 4, 0, 20, 12, 0, 8, 32,  
15, 12, 6, 18, 20, 21, 24, 16, 24, 36,  
32, 0, 0, 6, 18, 9, 20, 4, 18, 20,  
9, 27, 4, 32, 8, 6, 36, 32, 16, 18,  
32, 8, 15, 12, 9, 12, 6, 18, 20, 9,  
28, 4, 24, 3, 28, 0, 24, 27, 36, 21,  
4, 32, 15, 16, 12, 28, 0, 6, 36, 12,  
20, 0, 24, 9, 3, 9, 16, 4, 0, 27,  
12, 36, 6, 27, 18, 15, 0, 3, 16, 24,  
18, 9, 0, 3, 20, 18, 16, 4, 21, 32

## Page 14

15, 12, 5, 45, 0, 8, 0, 35, 4, 10,  
16, 25, 20, 36, 40, 28, 24, 30, 32, 20,  
0, 20, 5, 35, 0, 30, 0, 4, 25, 16,  
28, 10, 24, 8, 10, 28, 30, 15, 4, 0,  
8, 30, 5, 0, 15, 12, 16, 24, 35, 4,  
32, 10, 16, 30, 40, 28, 16, 15, 0, 4,  
35, 0, 45, 32, 0, 25, 16, 12, 30, 5,  
20, 24, 25, 4, 10, 12, 8, 16, 35, 30,  
25, 0, 28, 30, 5, 12, 35, 20, 40, 36  
16, 5, 12, 25, 45, 36, 40, 15, 24, 35

## Page 15

25, 12, 45, 48, 0, 6, 15, 5, 30, 0, 10,  
18, 42, 36, 30, 20, 40, 24, 54, 35,  
42, 15, 45, 24, 0, 20, 40, 25, 35, 30  
0, 6, 20, 12, 54, 0, 45, 24, 36, 40,  
24, 12, 25, 0, 5, 15, 12, 0, 48, 45,  
25, 48, 42, 0, 30, 36, 18, 6, 5, 15,  
40, 36, 0, 24, 25, 48, 20, 0, 18, 45,  
0, 20, 18, 0, 6, 36, 42, 35, 15, 0,  
36, 25, 45, 24, 40, 5, 0, 35, 12, 20,  
35, 30, 36, 40, 42, 15, 12, 10, 48, 45

## Page 16

18, 7, 42, 21, 6, 0, 12, 42, 14, 54,  
28, 30, 42, 54, 0, 6, 21, 24, 12, 35,  
7, 24, 42, 54, 0, 6, 21, 24, 12, 35,  
36, 0, 49, 48, 63, 21, 12, 7, 24, 14,  
56, 7, 18, 6, 35, 12, 49, 56, 54, 63,  
12, 21, 24, 35, 48, 42, 56, 0, 6, 30,  
21, 28, 48, 36, 49, 63, 0, 21, 18, 30,  
54, 0, 14, 18, 30, 12, 28, 35, 48, 63,  
49, 42, 24, 30, 14, 6, 0, 56, 21, 12,  
42, 18, 35, 36, 30, 21, 24, 54, 56, 7

## Page 17

0, 35, 16, 14, 64, 49, 28, 40, 8, 63,  
24, 32, 48, 0, 21, 46, 7, 42, 81, 56,  
64, 35, 0, 42, 16, 0, 8, 49, 48, 24,  
42, 32, 35, 48, 49, 16, 63, 64, 0, 8  
28, 40, 35, 24, 28, 0, 7, 56, 28, 64,  
24, 56, 14, 49, 40, 0, 2132, 35, 40,  
35, 24, 0, 28, 48, 56, 72, 56, 56, 63,  
72, 7, 49, 32, 14, 35, 64, 16, 0, 24,  
8, 35, 48, 63, 64, 7, 0, 35, 48, 72,  
49, 0, 7, 42, 56, 63, 40, 56, 14, 32

## Page 18

0, 8, 18, 16, 63, 16, 81, 48, 9, 0,  
32, 24, 40, 36, 56, 40, 27, 40, 8, 63,  
0, 64, 18, 81, 8, 32, 27, 40, 9, 56,  
48, 18, 0, 24, 36, 9, 48, 63, 56, 0,  
56, 32, 18, 72, 48, 0, 18, 36, 9, 16,  
0, 38, 72, 45, 63, 18, 27, 32, 81, 40,  
36, 81, 0, 27, 36, 63, 48, 56, 0,  
81, 24, 36, 8, 16, 36, 18, 40, 36, 32,  
18, 0, 8, 56, 45, 48, 63, 81, 9, 72,  
40, 27, 0, 16, 27, 32, 36, 40, 9, 32

## Page 19

1, 10, 3, 20, 1, 5, 16, 12, 0, 0,  
8, 2, 0, 6, 24, 0, 28, 24, 0, 3,  
8, 0, 36, 12, 9, 0, 7, 15, 32, 20,  
0, 3, 2, 16, 12, 0, 8, 0, 4, 21,  
27, 14, 0, 0, 32, 14, 6, 18, 18, 8,  
0, 9, 10, 5, 0, 6, 18, 0, 27, 16  
0, 36, 4, 9, 3, 4, 36, 2, 15, 1,  
16, 0, 24, 7, 20, 14, 20, 36, 16, 6,  
18, 18, 0, 8, 12, 16, 15, 0, 24, 12,  
21, 8, 18, 24, 12, 3, 4, 9, 16, 36

## Page 20

0, 16, 42, 25, 12, 48, 0, 5, 14, 0,  
9, 40, 0, 36, 20, 54, 0, 18, 64, 24,  
24, 0, 10, 81, 30, 6, 35, 54, 21, 40,  
28, 8, 15, 32, 27, 63, 30, 45, 72, 42,  
48, 35, 18, 63, 56, 36, 72, 56, 45, 7,  
0, 12, 18, 32, 30, 20, 16, 0, 40, 81,  
35, 14, 8, 36, 63, 18, 6, 64, 27, 0  
40, 48, 36, 18, 32, 30, 18, 35, 7, 36,  
18, 25, 36, 49, 72, 45, 32, 10, 63, 8,  
42, 54, 63, 0, 9, 18, 20, 64, 81, 25

## Page 21

72, 25, 4, 12, 20, 35, 9, 0, 12, 42,  
30, 6, 12, 3, 6, 0, 40, 0, 2, 48,  
10, 32, 10, 1, 0, 24, 4, 20, 12, 9,  
21, 63, 8, 21, 12, 5, 8, 45, 32, 7,  
45, 27, 16, 18, 2, 0, 42, 36, 8, 18,  
64, 18, 7, 24, 54, 56, 30, 6, 72, 35,  
9, 3, 36, 56, 15, 72, 49, 14, 0, 5,  
35, 28, 0, 36, 16, 81, 48, 24, 15, 18,  
9, 0, 12, 25, 4, 24, 63, 42, 16, 0,  
56, 28, 64, 56, 14, 32, 45, 27, 14, 4

## Page 22

18, 63, 32, 21, 35, 0, 14, 4, 12, 56,  
56, 72, 0, 3, 12, 24, 54, 0, 5, 36,  
7, 24, 30, 9, 72, 49, 21, 5, 21, 25,  
63, 4, 18, 48, 20, 8, 32, 6, 16, 1  
4, 36, 0, 54, 35, 20, 24, 81, 42, 27,  
0, 6, 18, 12, 16, 64, 42, 18, 20, 81,  
28, 7, 8, 48, 45, 0, 10, 15, 4, 27,  
54, 8, 49, 36, 36, 15, 42, 0, 6, 40,  
15, 49, 0, 40, 14, 45, 15, 0, 4, 10,  
2, 0, 72, 56, 36, 40, 16, 3, 24, 0

## Page 23

36, 1, 0, 36, 16,  
21, 7, 18, 36, 32,  
8, 12, 12, 7, 8,  
18, 6, 1, 15, 3,  
16, 24, 2, 9, 8,  
14, 21, 3, 6, 20,  
9, 2, 8, 16, 2,  
8, 8, 18, 21, 32,  
21, 20, 3, 2, 32,  
18, 3, 2, 28, 18

## Page 24

81, 5, 0, 72, 48  
35, 42, 42, 72, 56,  
40, 32, 36, 35, 12,  
48, 18, 5, 30, 21,  
28, 30, 6, 24, 36,  
14, 21, 27, 30, 35,  
18, 7, 40, 24, 10,  
10, 48, 63, 63, 64,  
49, 25, 6, 18, 56,  
18, 7, 6, 35, 54

**Page 25**

2, 8, 16, 4, 12,  
4, 12, 18, 6, 15,  
6, 14, 0, 9, 18,  
8, 12, 1, 21, 12,  
10, 14, 2, 18, 14  
12, 16, 3, 8, 15,  
0, 18, 4, 12, 6,  
3, 0, 5, 15, 9,  
6, 3, 6, 6, 24,  
9, 12, 7, 10, 12,  
12, 8, 8, 4, 2,  
4, 15, 9, 12, 27,  
5, 27, 18, 8, 12,  
6, 21, 16, 16, 16,  
14, 24, 24, 18, 6,  
16, 27, 21, 18, 14,  
18, 0, 14, 8, 9,  
0, 16, 7, 24, 15,  
0, 21, 0, 9, 0,  
0, 12, 0, 12, 8

**Page 26**

15, 12, 5, 45, 0,  
16, 25, 20, 36, 40,  
0, 20, 30, 35, 24,  
30, 0, 16, 25, 16,  
28, 10, 24, 24, 30,  
16, 20, 30, 20, 4,  
32, 10, 16, 30, 25,  
28, 12, 8, 16, 6,  
15, 24, 35, 30, 25,  
12, 12, 42, 10, 45,  
36, 30, 48, 25, 20,  
24, 12, 40, 20, 54,  
10, 18, 54, 30, 45,  
24, 28, 48, 12, 32,  
42, 18, 32, 20, 6,  
40, 45, 42, 18, 28,  
12, 36, 20, 10, 54,  
24, 32, 36, 15, 15,  
48, 35, 0, 24, 0,  
0, 12, 0, 30, 20

**Page 27**

24, 56, 14, 40, 0,  
49, 24, 32, 35, 40,  
35, 64, 0, 28, 48  
56, 56, 63, 72, 63,  
72, 7, 49, 32, 14,  
63, 64, 16, 0, 24,  
8, 35, 48, 63, 64,  
7, 0, 35, 48, 72,  
49, 72, 7, 42, 56,  
63, 40, 56, 14, 32,  
0, 48, 72, 36, 64,  
18, 27, 32, 81, 40,  
36, 81, 0, 27, 16,  
32, 63, 48, 56, 72,  
81, 24, 36, 8, 16,  
63, 18, 40, 63, 32,  
18, 0, 8, 56, 35,  
48, 64, 63, 8, 72,  
56, 63, 56, 48, 27,  
32, 72, 40, 49, 32

**Page 28**

72, 25, 4, 12, 20,  
30, 6, 12, 3, 6,  
0, 40, 0, 2, 48,  
10, 32, 1, 0, 24,  
4, 20, 12, 9, 14,  
21, 63, 8, 21, 12,  
5, 8, 45, 32, 7,  
45, 27, 16, 18, 2,  
0, 42, 42, 36, 8,  
18, 64, 7, 24, 54,  
56, 30, 6, 72, 35,  
9, 3, 36, 56, 15,  
72, 49, 14, 0, 5,  
35, 28, 0, 36, 16,  
81, 48, 24, 15, 18,  
9, 0, 12, 25, 4,  
24, 63, 42, 16, 0,  
56, 28, 64, 56, 14,  
32, 81, 27, 14, 4,  
40, 54, 15, 49, 32