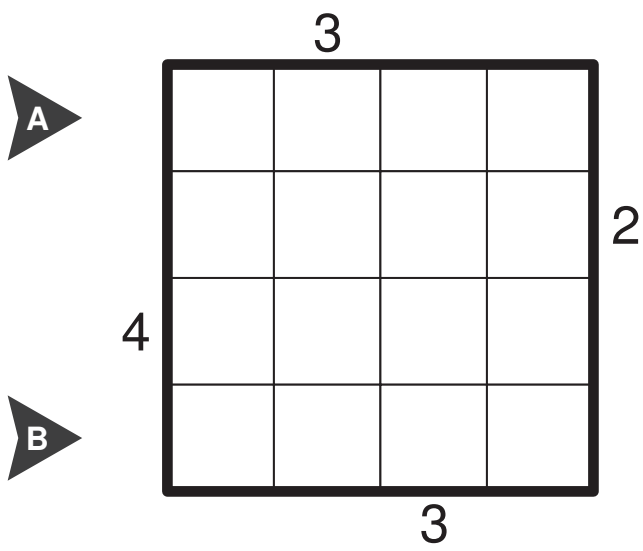


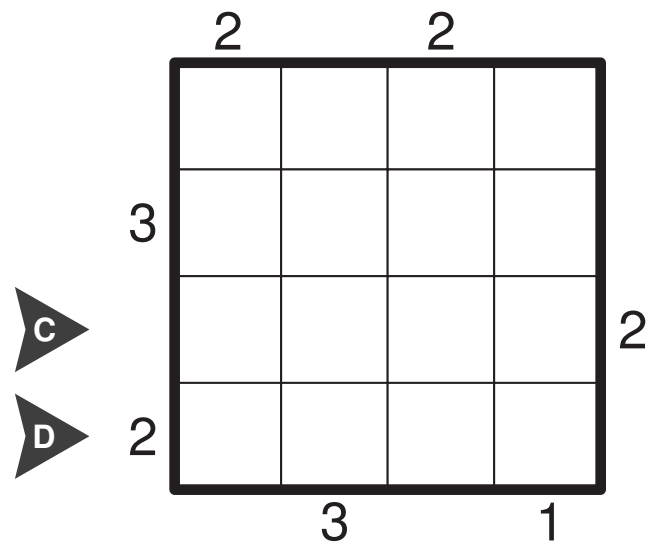
Rule
 Place a digit from 1 to N in each cell in the NxN grid such that each digit appears exactly once in each row and column. Digits in the cell represent height of skyscraper. Clues outside the grid represent the number of skyscrapers seen (not blocked by a taller skyscraper) from the corresponding direction.

Answer Key format: For each marked row, enter the digits inside the grid, from left to right.



1
 Introduction
 3 points

2
 Introduction
 4 points



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3

E

4

4

4

2

3

Intermediate
5 points

F

4

Intermediate
7 points

G

2

H

1

2

3

2

3

4

1

2

3

4

3

2

1

5

3

2

2

2

1

2

2

4

3

2

1

Rule
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		4		2		4		
I	2							3
	2							1
	4							4
	6							2
	4							3
J	1							3
	2							4
			2		2		3	

5
Challenging
8 points

		1		4		3		
	4							4
								5
	4							4
								4
	2							
			2		1		3	

6
Challenging
9 points

K

L

Rule
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Answer Key format: For each marked row, enter the digits inside the grid, from left to right.

Solved Example for Exploratory puzzles

3		
3		

1	3	2
3	2	1
2	1	3

Exploratory 7 points

Exploratory 8 points

A

4	1	2	3
2	3	4	1
1	2	3	4
3	4	1	2

3
2
4
3

C

2	4	3	1
1	3	4	2
4	1	2	3
3	2	1	4

2
3
2
3 1

E

3	2	5	1	4
5	4	1	3	2
1	3	2	4	5
4	5	3	2	1
2	1	4	5	3

3
4
4
2

G

6	5	3	4	2	1
3	6	4	1	5	2
1	2	6	3	4	5
2	3	5	6	1	4
4	1	2	5	6	3
5	4	1	2	3	6

1 2 3 2 3 4
5
3
2
2
2
1

I

5	1	7	6	2	3	4
6	5	1	2	3	4	7
2	3	4	7	6	5	1
1	2	3	4	5	7	6
3	4	5	1	7	6	2
7	6	2	3	4	1	5
4	7	6	5	1	2	3

4 2 4
3
1
4
2
3
3
2
2 2 3

K

6	5	1	2	4	3
2	4	3	1	5	6
3	6	5	4	2	1
1	2	4	3	6	5
4	1	6	5	3	2
5	3	2	6	1	4

1 4 3
4
5
4
4
2 1 3

M

2	3	4	1
1	2	3	4
4	1	2	3
3	4	1	2

4
7
4

O

2	3	4	1	5
4	5	2	3	1
5	4	1	2	3
3	1	5	4	2
1	2	3	5	4

5 4 5
3
3
6 5
6 3