



Skyscraper — Free Sample

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HOW TO PLAY: SKYSCRAPER

Build the skyline — clues tell you how many buildings are visible.

RULES

1. Fill each row and column with the digits 1 through N exactly once.
2. Each digit represents a building of that height.
3. Clues on the border tell how many buildings are visible from that direction.
4. Taller buildings block the view of shorter ones behind them.

PUZZLE

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

→

SOLUTION

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

PRO TIP

A clue of 1 means the tallest building (N) is in the first position. A clue of N means the buildings are in ascending order (1, 2, 3, ..., N).

COMMON MISTAKES

- Placing the same digit twice in a row or column.
- Miscalculating visibility — a taller building blocks ALL shorter ones behind it.

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

	1	2	2	3	
1					3
2			2	3	2
2	3			1	2
3					1
	3	2	2	1	

2

1

2

3

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



ANSWERS

Check Your Mastery!

#1

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

#2

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

#3

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

#4

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



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