

		U	K		
P	U	Z	Z	L	E
L	E	A	G	U	E

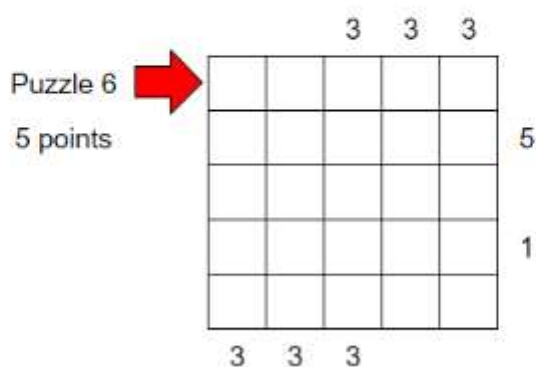
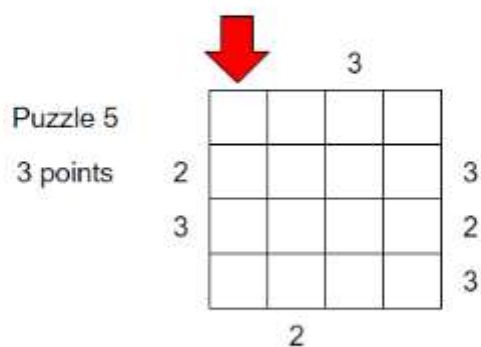
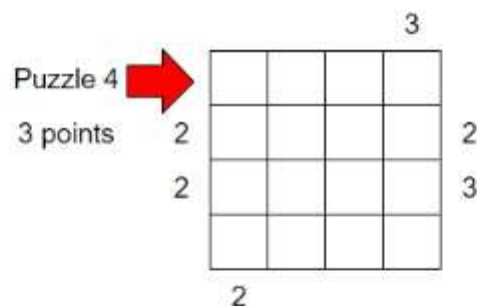
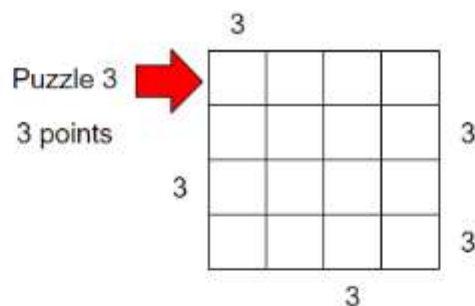
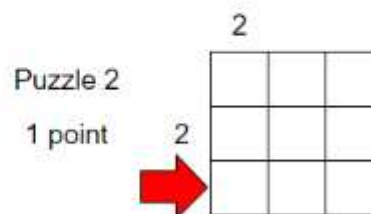
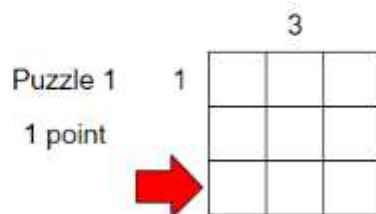
Beginners Round 4 - 15th to 18th January 2021

Skyscrapers

Puzzles by Adam Bissett

Insert a digit from 1 to N into each cell in the N by N grid so that no digit repeats in any row or column. Also, each number in the grid represents the height of a building and the clues on the outside of the grid indicate how many buildings can be "seen" when looking from that direction. Taller buildings block the view of smaller buildings. For example, if a row contained the numbers 15342, then two buildings are seen from the left - 1 and 5 - and three buildings from the right - 2, 4 and 5 - with the other buildings blocked by taller buildings in front of them.

Time your efforts for each puzzle separately. Then submit your time for each puzzle, and the contents of each marked row or column.



Puzzle 7
6 points

3 5 4 2 3

2

Puzzle 8
5 points

2 3 3 2 3

4

Puzzle 9
5 points

2 2 5 4 3

3 4 2

Puzzle 10
12 points

3 5 2 5 4

Puzzle 11
11 points

4 4 3 2 4

3 2 4

Puzzle 12
15 points

1 2 3 2 2 2

5 3 1

When you have completed as many puzzles as you can, email a list of your puzzle times and answer keys to adam@ukpuzzles.org. For the example below you would say:
Example Puzzle - 23 seconds - 1432

4 2

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

3

1 2

Puzzle Number	Best beginner time	Best time
1	6s - Adam Sandhu	3s - Sam Cappleman-Lynes
2	9s - Adam Sandhu	4s - Sam Cappleman-Lynes
3	47s - Laura Baxter	12s - Sam Cappleman-Lynes
4	32s - Adam Sandhu	13s - Sam Cappleman-Lynes
5	55s - Adam Sandhu	16s - Sam Cappleman-Lynes
6	1m39 - Laura Baxter	34s - Sam Cappleman-Lynes
7	1m18 - Laura Baxter	39s - Sam Cappleman-Lynes
8	1m30 - Adam Sandhu	34s - Sam Cappleman-Lynes
9	57s - Adam Sandhu	39s - Sam Cappleman-Lynes
10	2m52 - Adam Sandhu	1m01 - Sam Cappleman-Lynes
11	3m01 - Laura Baxter	1m38 - Sam Cappleman-Lynes
12	4m43 - Adam Sandhu	58s - Sam Cappleman-Lynes