

WPF PUZZLE GP 2020 SOLUTION BOOKLET

1-2. Arithmetic Square (12, 27 points)

1a →
$$\begin{array}{r} 9 - 1 - 8 = 0 \\ + \quad \quad \div \end{array}$$

1b →
$$\begin{array}{r} 5 \quad 7 \quad 4 \\ + \quad \quad \div \end{array}$$

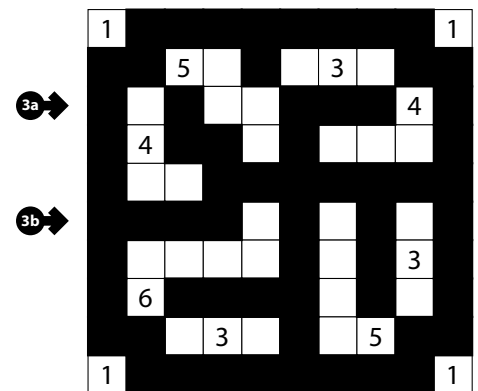
1c →
$$\begin{array}{r} 6 \times 3 \times 2 = 36 \\ = \quad \quad = \\ 20 \quad \quad 1 \end{array}$$

2a →
$$\begin{array}{r} 5 + 9 \div 7 = 2 \\ + \quad + \quad + \end{array}$$

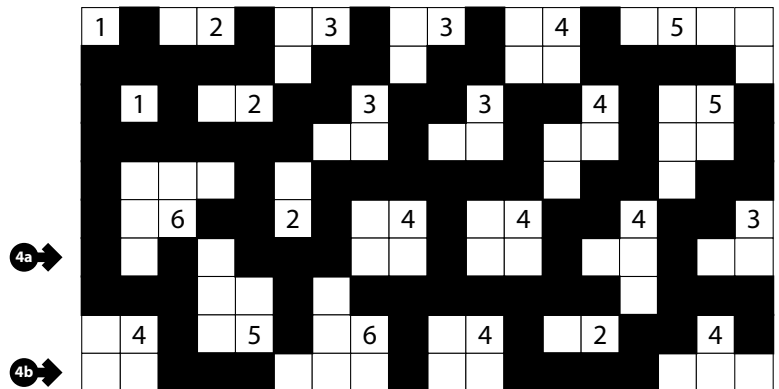
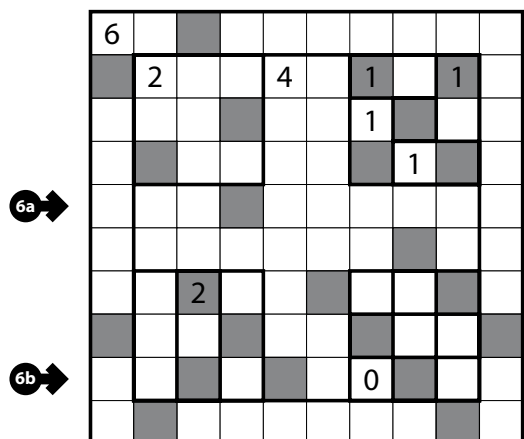
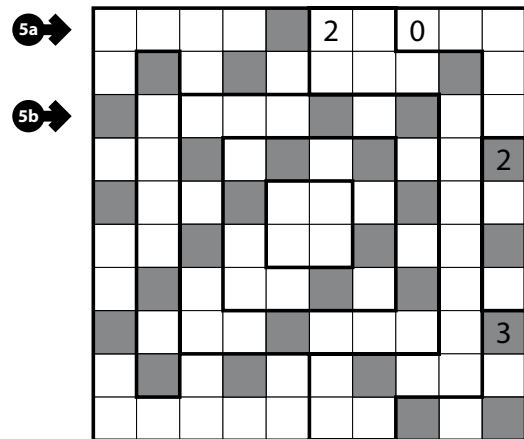
2b →
$$\begin{array}{r} 8 - 1 - 6 > 0 \\ + \quad \div \quad + \end{array}$$

2c →
$$\begin{array}{r} 4 + 2 \div 3 = 2 \\ = \quad = \quad = \\ 17 \quad 5 \quad 16 \end{array}$$

3-4. Nurikabe (23, 76 points)



5-6. Heyawake (Irregular) (24, 73 points)





7-8. Masyu (28, 67 points)

7a →

7b →

8a →

8b →

9-10. Pentopia (40, 56 points)

9a →

9b →

10a →

10b →

11-12. Sudoku (35, 57 points)

11a →

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

11b →

12a →

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

12b →

13-14. Skyscrapers (48, 113 points)

13a →

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

13b →

14a →

6	4	2	5	6	2			
1	5	7	3	2	4	6	8	
2	6	1	5	4	8	7	3	
3	7	8	6	5	1	4	2	5
4	8	6	7	1	2	3	5	3
7	4	5	8	6	3	2	1	5
8	3	4	2	7	5	1	6	3
6	2	3	1	8	7	5	4	
5	1	2	4	3	6	8	7	
3	5	6	2	2	3			

14b →

15-16. Loop (Portals) (21, 100 points)

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WPF PUZZLE GP

ROUND 7



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