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# FUTOŠIKI

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## Navodila

V  $n \times n$  kvadratkov vpiši začetna naravna števila od 1 do  $n$ , tako da bo v vsaki vrstici in v vsakem stolpcu nastopalo vseh  $n$  števil ter, da bodo izpolnjene vse relacije in vse računske operacije.

## Naloge

(Rešitve nalog so na strani 4.)

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1.

$$\begin{array}{cccc} \square & \square & < & \square & > & \square \\ \square & \square & & 2 & & \square \\ \square & > & \square & > & \square & \cdot 2 & \square \\ 1 & \square & \square & < & \square \end{array}$$

2.

$$\begin{array}{cccc} \square & -2 & \square & \square & \square \\ \square & +2 & 3 & \square & +2 & \square \\ \square & -2 & \square & < & \square & \square \\ \square & \square & \square & -2 & \square \end{array}$$

3.

$$\begin{array}{cccc} \square & :2 & \square & \square & \square \\ \square & < & \square & 2 & \square \\ \square & +2 & \square & < & \square & -2 & \square \\ \square & \square & \square & +2 & \square \end{array}$$

4.

$$\begin{array}{cccc} \square & -1 & \square & :2 & \square & \square \\ \square & < & \square & \square & \square & \square \\ \square & > & \square & \square & +1 & \square \\ \square & +1 & \square & \square & \square & \square \end{array}$$

5.

$$\begin{array}{cccc} \square & -1 & \square & \square & +1 & \square \\ \square & -1 & \square & \square & \square & \square \\ \square & \square & -2 & \square & < & \square \\ \square & \square & \square & 3 & +1 & \square \end{array}$$

6.

$$\begin{array}{cccc} \square & 3 & 1 & < & \square \\ \square & :2 & \square & \square & \square \\ \square & < & \square & \square & \square \\ \square & -2 & \square & < & \square & -2 & \square \end{array}$$

7.

$$\square < \square \quad 3 \quad \square$$

$$\square \quad \square \quad \square \quad \square$$

$$\square < \square \quad -2 \quad \square < \square$$

$$\square > \square \quad \square > \square$$

8.

$$\square < \square \quad +2 \quad \square \quad \square$$

$$\square < \square \quad \square \quad -2 \quad \square$$

$$\square \quad -1 \quad \square \quad \square \quad \square$$

$$\square \quad \square \quad +2 \quad \square \quad \square$$

9.

$$\square :2 \quad \square \quad +2 \quad \square \quad \square$$

$$\square \quad \square \quad \square \quad \square$$

$$3 \quad 2 \quad \square > \square$$

$$\square \quad -1 \quad \square \quad -2 \quad \square \quad +1 \quad \square$$

10.

$$\square \quad \square \quad \square \quad \square$$

$$\square \quad +2 \quad \square \quad -1 \quad \square \quad \square$$

$$\square \quad -2 \quad \square < \square \quad -2 \quad \square$$

$$\square \quad \square \quad \square \quad -1 \quad \square$$

11.

$$\square \quad \square > \square \quad \square$$

$$\square < \square \quad \square \quad +1 \quad \square$$

$$\square \quad \square \quad -1 \quad \square \quad \square$$

$$\square \quad -2 \quad \square < \square \quad \square$$

12.

$$\square \quad +1 \quad \square \quad \square \quad \cdot 2 \quad \square$$

$$\square \quad \square \quad \square \quad -1 \quad \square$$

$$\square \quad \square \quad \square \quad -2 \quad \square$$

$$\square < \square > \square \quad \square$$

13.

$$\square \quad \square \quad \square \quad -1 \quad \square \quad 5$$

$$\square > 4 \quad \square \quad 3 \quad \square$$

$$\square \quad 3 \quad -1 \quad \square \quad \square$$

$$\square \quad \square \quad \square \quad -1 \quad \square$$

$$\square \quad \square \quad \square \quad \square \quad \square$$

14.

$$\square \quad \square \quad \square \quad \square \quad \square$$

$$\square < 3 \quad \square \quad \square \quad \square$$

$$\square \quad \square \quad -2 \quad \square \quad -1 \quad \square \quad \square$$

$$\square \quad \square \quad +2 \quad \square \quad 4 \quad \square$$

$$3 \quad \square \quad \square \quad \square \quad 1$$

15.

2	□	□	□	□
□	□	1	+2	□
□	□	>	□	4
□	□	□	<	□
□	□	-2	□	□

19.

□	□	>	□	·2	□	3
□	□	□	<	3	□	
□	□	□	>	2	□	
4	□	□	□	□	□	
5	□	□	□	□	□	

16.

□	□	4	□	>	□
□	□	1	+2	□	4
3	□	□	□	□	
□	□	>	□	□	□
□	□	□	:2	□	3

17.

□	□	□	>	2	□
□	>	□	5	□	□
□	+2	□	□	□	4
2	□	□	□	□	
□	□	□	□	-2	3

18.

3	4	□	>	□	<	□
1	□	+2	□	□	□	
□	□	□	>	4	□	
□	□	□	□	2	□	
□	□	□	□	□	□	

**Rešitve**

1.

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

5.

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

2.

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

6.

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

3.

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

7.

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

4.

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

8.

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

9.

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

13.

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

10.

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

14.

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

11.

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

15.

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

12.

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

16.

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

17.

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

18.

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

19.

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