

$\downarrow \downarrow \downarrow = 20$
 $20 - 1 = 19$

$\downarrow \downarrow \downarrow = 9$
 $\downarrow \downarrow \downarrow = 9$
 $9 + 9 = 18$

$\downarrow \downarrow \downarrow = 10$
 $10 - 1 = 9$

$\downarrow \downarrow \downarrow = 9$

$\downarrow \downarrow \downarrow = 14$

$\downarrow \downarrow \downarrow = 9$

20	20	20
19	19	19
18	18	18
17	17	17
...

$\downarrow \downarrow \downarrow = 21$

$\downarrow \downarrow \downarrow = 9$
 $\downarrow \downarrow \downarrow = 9$
 $9 + 9 = 18$

$\downarrow \downarrow \downarrow = 20$

$\downarrow \downarrow \downarrow = 12$

$\downarrow \downarrow \downarrow \downarrow \downarrow \downarrow = \frac{6!}{3! \times 3!}$

$\frac{3! \times 2!}{3! \times 2!} = 10$
 $\frac{5!}{3!} = 20$

$111 \rightarrow 1 \quad 222 \rightarrow 2$
 $112 \rightarrow \frac{3!}{2!} = 3 \quad 221 \rightarrow 2$
 $122 \rightarrow \frac{3!}{2!} = 3 \quad 212 \rightarrow 2$

$12 + 7 = 19$

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$$\begin{pmatrix} 3 \\ 2 \end{pmatrix} \times \begin{pmatrix} 5 \\ 2 \end{pmatrix}$$

17

$$\begin{pmatrix} 7 \\ 3 \end{pmatrix} + \begin{pmatrix} 7 \\ 3 \end{pmatrix} = \begin{pmatrix} 14 \\ 6 \end{pmatrix}$$

18

$\Rightarrow \begin{pmatrix} 5 \\ 3 \end{pmatrix}$ ستون و 3 باره خط افقی

19

15 تا 1x1 ، 1 تا 2x2 ، 3 تا 3x3

20

$$15 + 1 + 3 = 19$$