

2* → شش شش شش شش شش شش
 $(14) \times 14 = 196$
 $(14 \times 14) = 196$

1 شش شش شش شش شش شش
 $14 \times 14 = 196$
 $14 \times 14 = 196$

شش شش شش شش شش شش
 $(14 \times 14) = 196$
 $(14 \times 14) = 196$

3
 $(\frac{14}{14} \times 14) + 14 \times 14 = 196$
 $(14 \times 14) + (14 \times 14) = 196$
 $14 \times 14 = 196$

6 $\frac{14}{14} \times \frac{14}{14} \times \frac{14}{14} = 196$

7 $\frac{14}{14} \times \frac{14}{14} \times \frac{14}{14} = 196$
 $14 + 14 = 28$

8 $\frac{14}{14} \times \frac{14}{14} \times \frac{14}{14} = 196$
 $14 + 14 = 28$

9 $\frac{14}{14} \times \frac{14}{14} \times \frac{14}{14} = 196$
 $14 + 14 = 28$

11 $\frac{14}{14} \times \frac{14}{14} \times \frac{14}{14} = 196$

10 $\frac{14}{14} \times \frac{14}{14} \times \frac{14}{14} = 196$

12 $\frac{14}{14} \times \frac{14}{14} \times \frac{14}{14} = 196$

14 $\frac{14}{14} \times \frac{14}{14} \times \frac{14}{14} = 196$

13 $\frac{14}{14} \times \frac{14}{14} \times \frac{14}{14} = 196$
 $14 + 14 = 28$

12 $\frac{14}{14} \times \frac{14}{14} \times \frac{14}{14} = 196$
 $14 + 14 = 28$

$$\begin{array}{l}
 111 \rightarrow 1 \text{ حالت } \left(\frac{3!}{1!}\right) \quad 112 \rightarrow 3 \text{ حالت } \left(\frac{3!}{1!}\right) \quad 113 \rightarrow 3 \text{ حالت } \left(\frac{3!}{1!}\right) \quad \rightarrow \underline{19 \text{ حالت}} \\
 123 \rightarrow 6 \text{ حالت } (3!) \quad 233 \rightarrow 3 \text{ حالت } \left(\frac{3!}{2!}\right) \quad 341 \rightarrow 3 \text{ حالت } \left(\frac{3!}{2!}\right)
 \end{array}$$

$$\begin{array}{l}
 \text{همه} : 1! \times 4! \\
 \text{بعض} : \binom{1}{4} \times 4! \times 7! \\
 \text{بعضی} : 11! - \left[\binom{1}{2} \times 4! \times 7! + (1! \times 4!) \right]
 \end{array}$$

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دقت کن این سوال تو تکلیف بقی هم بود ن