



$\text{تکرار} \rightarrow \frac{1}{1} \times \frac{5}{2} \times \frac{3}{1} = 15$	11
$\text{بدون تکرار} \rightarrow \frac{1}{1} \times \frac{3}{1} \times \frac{2}{1} = 6$	
$\text{تکرار} \rightarrow \frac{4}{1} \times \frac{3}{1} \times \frac{2}{1} = 24$	12
$\text{بدون تکرار} \rightarrow \frac{2}{1} \times \frac{3}{1} \times \frac{2}{1} = 12$	
$\text{تکرار} \rightarrow \frac{4}{1} \times \frac{5}{1} \times \frac{1}{1} = 20$	13
$\text{بدون تکرار} \rightarrow \frac{4}{1} \times \frac{3}{1} \times \frac{1}{1} = 12$	
$\frac{4!}{3! 1!}$	14
$\frac{4!}{3! 1!} = 4$	15
$111 \rightarrow 1 \quad 132 \rightarrow 3$ $112 \rightarrow 2 \quad 232 \rightarrow 3$ $113 \rightarrow 2$ $123 \rightarrow 4$	16
$1 + 3 + 2 + 2 + 2 + 2 = 14$	
$\binom{2}{1} \binom{4}{1} = \frac{2 \times 2}{1} \times \frac{4 \times 3}{1} = 2 \times 12 = 24$	17
$\frac{4!}{3! 1!}$	18
$2^5 = 2^1 = 1.25$	19
$1 \times 1 \rightarrow 1$ $2 \times 2 \rightarrow 4$ $3 \times 3 \rightarrow 9$	20
$1 + 4 + 9 = 14$	