

دوم و سوم

تکین ۲۹

سایه دوی

<p>۴ ۳</p> $\binom{4}{3} 3! = 340$ $\frac{4 \times 3 \times 2 \times 1}{3!} \times 3! = 340$	<p>۳ ۲</p> $\frac{3!}{2} = 40$ $\frac{120}{2} = 40$	<p>۲ ۱</p> $2! = 120$ $2 \times 1 \times 1 = 120$	<p>۱</p> $1! = 120$ $1 \times 1 \times 1 \times 1 = 120$
<p>۱۱</p> $2! = 120$ $2 \times 1 \times 1 = 120$	<p>۱۰</p> $\binom{4}{3} 3! = 94$ $4 \times 3 \times 2 = 94$	<p>۹</p> $\binom{4}{2} \frac{2!}{2} = 24$ $\frac{4 \times 2}{2!} \times \frac{2!}{2} = 24$	<p>۸</p> $\binom{4}{2} 2! = 90$ $\frac{4 \times 2}{2!} \times 2! = 90$
<p>۱۲</p> $\frac{4!}{3!} = 120$ $4 \times 3 \times 2 = 120$	<p>۱۱</p> $3! 3! = 144$ $6 \times 3 \times 2 \times 3 \times 2 = 144$	<p>۱۰</p> $\frac{4!}{2!} = 340$ $4 \times 2 \times 6 \times 3 = 340$	<p>۹</p> $2! 2! = 240$ $120 \times 2 = 240$
<p>۱۳</p> $2! 2! 2! = 28800$ $120 \times 120 \times 120 = 28800$	<p>۱۲</p> $3! 2! = 14400$ $6 \times 2 \times 3 \times 2 \times 2 \times 2 \times 2 = 14400$	<p>۱۱</p> $\frac{4!}{2! 2!} = 120$ $\frac{4 \times 2 \times 2 \times 2}{2!} = 120$	<p>۱۰</p> $\frac{4!}{3!} = 120$ $4 \times 2 \times 2 = 120$
<p>۱۴</p> $3! 2! = 28800$ $6 \times 2 \times 2 \times 2 \times 2 = 28800$	<p>۱۳</p> $2 \times 2! 2! = 28800$ $2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 = 28800$	<p>۱۲</p> $10! - 4! 2! = \frac{10!}{(2!)^2} = 3628800$ $3628800 - 14400 - 14400 = 3600000$	<p>۱۱</p> $\frac{2!}{(2!)} 2! = 14400$ $120 \times \frac{4}{1} \times 120 = 14400$