

$4! = 24$	۱
$(4-1)! = 3! = 6$	۲
$\frac{(4-1)!}{2} = \frac{3!}{2} = 3$	۳
$\binom{4}{2} \times 2! = \frac{4 \times 3}{2} \times 2 = 6$	۴
$\binom{4}{2} \times (2-1)! = \frac{4 \times 3}{2} \times 1 = 6$	۵
$\binom{4}{2} \times \frac{(2-1)!}{2} = \frac{4 \times 3}{2} \times \frac{1}{2} = 3$	۶
$\binom{4}{4} \times 2! = 2$	۷
$a b e f \mid cd$ $2! = 2$	۸
$a b e f \mid cd$ $2! \times 2! = 4$	۹
$\frac{4!}{2!} = 12$	۱۰

$a \ b \ f \ \boxed{d \ c \ e}$ $\Sigma 1 \times 3! = \boxed{122}$	11
$\frac{4!}{3!} = \boxed{4}$ $(e) \ (d) \ (c)$	12
$(c) \ (d) \ (a)$ $\frac{4!}{3!} = \boxed{4}$	13
$(a) \ (d) \ (e) \ (c)$ $\frac{4!}{2!2!} = \boxed{6}$	14
$\boxed{a \ b \ a} \ \boxed{c \ d \ c} \ \boxed{e \ f \ e}$ $4! \times 3! = \boxed{14400}$	15
$\boxed{c \ d \ a} \ \boxed{e \ f \ a}$ $4! \times 2! \times 2! = \boxed{28800}$	16
$(a) \ \underline{c \ d} \ (a) \ \underline{e \ f} \ (a) \ \underline{c \ d} \ (a) \ \underline{e \ f} \ (a) \ \underline{c \ d} \ (a) \ \underline{e \ f}$ $2! \times 2! \times \binom{4}{2} = \boxed{14400}$	17
$10! - 2!4! - 2!4! = \boxed{3204000}$	18
$\boxed{c \ d \ a} \ \boxed{e \ f \ a}$ $4! \times 2! \times 2! = \boxed{28800}$	19
$(2-1)! \times 2! = \boxed{2}$	20