

Subject.....

Day..... Month..... Year.....

$(9-1)! = 120 \cdot 2$ $9! = 720$ - 1

$\binom{9}{2} = 20$ $2! = 2$ $9 \times 20 = 120 \cdot 2$ $(9-1)! = 120$ - 2

$\binom{9}{3} = 120$ $(3-1)! = 2! = 2$ $120 \times 2 = 90$ - 3

$\binom{9}{4} = 120$ $(4-1)! = 3! = 6$ $120 \times 6 = 90$ - 4

$\binom{9}{5} = 10$ $4! = 24$ $10 \times 24 = 240$ - 5

$120! = 120$ - 6

$120! = 120$ $120 \times 2 = 240$ - 7

$\frac{9!}{2} = \frac{720}{2} = 360$ - 8

$2! \times 3! = 2 \times 6 = 12$ - 9

$\frac{9!}{2!} = 120$ - 10

$\frac{9!}{3!} = 120$ - 11

$\frac{9!}{2! \times 2!} = \frac{720}{4} = 180$ - 12

$9! \times 2! = 14400$ - 13

$2 \times 2! \times 2! = 28800$ - 14

$2! \times \binom{9}{2} \times 2! = 2 \times 36 \times 2 = 144$ - 15

$10! =$ کل حالات $2! \times \binom{9}{2} \times 2! =$ هر دو برابر $10! = 2! \times \binom{9}{2} \times 2!$ $10! = 2! \times \binom{9}{2} \times 2!$ $10! = 2! \times \binom{9}{2} \times 2!$ - 16

$2! \times 2! \times 2 = 28800$ - 17

$4! \times 2! = 24 \times 120 = 2880$ - 18