

a, b, c, d, e, f

9! (1)

5! (2)

$\frac{9!}{2}$ (3)

$\binom{9}{4} \times 4! = \frac{9!}{4! \cdot 5!} \times 4! = 9 \times 8 \times 7 \times 6$

$\binom{9}{3} \times 3!$ (5)

$\binom{9}{2} \times \frac{3!}{2}$ (4)

a, b, c, d, e, f

$\binom{9}{1} \times 1!$ (6)

کلی

(a, b), (c, d), (e, f)

9! (1)

(a, b, c, d), (e, f)

9! 2! (9)

$\frac{9!}{2!}$ (10)

(a, b, c, d, e, f)

9! (11)

a, b, c, d, e, f

$$\frac{4!}{1!}$$

(11)

c d a

$$\frac{4!}{1!}$$

(12)

c e d a

$$\frac{4!}{1! 1!}$$

(13)



$$4!$$

(14)



$$1!$$

(15)

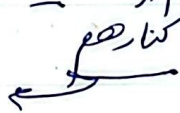
...
r = 10

1 2 3 4 5 6 7 8 9 10

$$10! \times \binom{4}{10} \times 10! \quad (16)$$

do - ... - ...

$$10! \times \binom{4}{10} \times 10!$$



$$\Rightarrow 10! - 4! - 10! \times \binom{4}{10} \times 10! \quad (17)$$

$$1 \times 10! \times 10! \quad (18)$$

$$1! \times 10! \quad (19)$$

Scbó