

~~۲۰~~

$$(4-1)! = 3! \quad \textcircled{1} \quad \textcircled{2}$$

$$\frac{4!}{2} = 12 \quad \textcircled{1}$$

$$\binom{4}{2} \times 2! = \frac{4 \times 3 \times 2 \times 1}{2!} \times 2! = 12 \quad \textcircled{2}$$

$$\frac{(4-1)!}{2} = \frac{3!}{2} \quad \textcircled{3}$$

$$\binom{4}{2} \times \frac{3!}{2} = \frac{4 \times 3 \times 2 \times 1}{2 \times 1} \times \frac{3 \times 2 \times 1}{2} = 18 \quad \textcircled{4}$$

$$\binom{4}{2} \times 3! = \frac{4 \times 3 \times 2 \times 1}{2! \times 2!} \times 3! = 18 \quad \textcircled{5}$$

abef cd $\textcircled{6}$
 $5! = 120$

a ✓ c x $\textcircled{7}$
 $\binom{4}{2} \times 2! = 12$

$$\frac{4!}{2} = 12 \quad \textcircled{10}$$

ab cd ef $\textcircled{9}$
 $5! \times 2! = 240$

$$\frac{4!}{3!} = 120$$

(12)

$$ab \boxed{cdef} \\ 3! \times 4! = 144$$

(11)

6

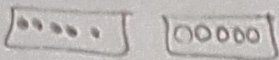
$$\frac{4!}{2!2!} = 180$$

(14)

$$\frac{4!}{3!} = 120$$

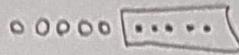
(13)

7



$$2! \times 5! \times 5! = 28800$$

(16)



$$4! \times 5! = 14400$$

(15)

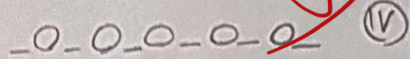
8

کلموں کی تعداد - (مجموعہ + ۲) = ۱۸

$$10! - (2! \times 2! \times 5! + 4! \times 5!) =$$

$$10! - 4! \times 5! - 4! \times 5! = 4800 \times 2!$$

(18)



$$5! \times \binom{4}{2} \times 5! = 14400$$

(17)

9

$$5! \times 4! = 2880$$

(20)

$$2 \times 5! \times 5! \\ = 28800$$

(19)

10