

Subject:

Year:

Month:

Date:

دوم دجنبر B

شماره تلفن: ۲۹

تینا بکباش

9! (1)

5! (2)

(4) : $\frac{5!}{2} \leftarrow 5 \times 4 \times 3 \times 2 \times 1$ (3)

$\binom{4}{2} = \binom{4}{2} \rightarrow \binom{4}{2} \times 2! = \frac{4 \times 3}{2} \times 2 \times 1 = 6$ (4)

$\binom{4}{2} = \binom{4}{2} \rightarrow \binom{4}{2} \times 3! = \frac{4 \times 3}{2} \times 3 \times 2 \times 1 = 36$ (5)

$\binom{4}{2} \times \frac{3!}{2} \rightarrow \frac{4 \times 3}{2} \times 3 = 18$ (6)

$\binom{4}{2} \times 4! \rightarrow 6 \times 4! = 6 \times 4 \times 3 \times 2 \times 1 = 144$ (7)

ab cd ef 2! = 2 (8)

ab cd ef $\rightarrow 2! \times 2! = 4$ (9)

$\frac{4!}{2!} = \frac{4 \times 3 \times 2 \times 1}{2} = 12$ (10)

ab cde f $\rightarrow 3! \times 1! = 6$ (11)

ab c d e f $\frac{4!}{2!} = 12$ (12)

$\frac{4!}{3!} = 4$ (13) b c d a ef

$\frac{4!}{2! \times 2!} = 6$ (14) c e d a

ce σ b d a
d a

