

$$6! (1)$$

$$5! (2)$$

$$\frac{5!}{2} (3)$$

$$\binom{4}{2} \times 4! = \frac{4 \times 3}{2!} \times 4! = 36$$

$$(4)$$

$$\binom{4}{2} \times 3! = \frac{4 \times 3}{2!} \times 3! = 36$$

$$(5)$$

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

$$(6)$$

$$\binom{4}{2} \times 4! = \binom{4}{2} \times 4! = 3 \times 24 = 72$$

$$(7)$$

a b dc e f

$$5! (1) = 120$$

$$5! \times 2! (9) = 240$$

$$\frac{5! \times 2!}{2} = 120$$

a b (cde) f

cd e

$$\frac{4! \times 3!}{1!} = 144$$

a b (edc) f

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

(adc) bef

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

(ce) (da) bf

$$\frac{4!}{2! \times 2!} = 6$$

$$2! \times \omega! = 2$$

$$\omega! \times \omega! \times 2! = 12$$

$$\binom{6}{\omega} \times \omega! \times \omega! = 10$$

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 $1 \cdot 1 - \omega! \binom{4}{\omega} \omega! - \omega! \omega! 2!$

$$\omega! \times \omega! \times 2! = 12$$

$$\omega! \times 4! = 24$$