

$$4 \times 3 \times 2 \times 1 \rightarrow 4! = 24 \checkmark$$

(1) (1)

$$\frac{1}{1} \times \frac{1}{2} \times \frac{1}{3} \times \frac{1}{4} \rightarrow \omega! = 12 \checkmark$$

(1) (2)

$$\frac{(4-1)!}{2} = 6 \checkmark$$

(1) (3)

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

(1) (4)

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

(1) (5)

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

(1) (6)

$$\binom{4}{3} \times 4! = 96 \checkmark$$

(1) (7)

$$\omega! = 12 \checkmark$$

(1) (8)

$$\omega! \times 2 = 24 \checkmark$$

(1) (9)

$$\frac{4!}{2} = 12 \checkmark$$

(1) (10)

$$3! \times 4! = 144 \checkmark$$

(11)

$$\frac{4!}{3!} = 12 \checkmark$$

(12)

6

$$\frac{4!}{3!} = 12 \checkmark$$

(13)

7

$$\frac{4!}{2!2!} = 18 \checkmark$$

(14)

$$5! \times 4! = 1440 \checkmark$$

(15)

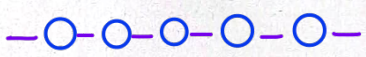
$$5! \times 5! \times 2 = 28800 \checkmark$$

(16)

8

$$5! \times 5! \times 4 = 28800 \checkmark$$

(17)



بیا  
نقطه انتخاب جاها  
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$$10! - \binom{4}{5} (5! \times 5! \times 4 + 5! \times 4!) = 288000 - (28800 + 14400) = 244800$$

(18)

9

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

(19)

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

(20)

10