

Subject:
Date:

$$4! = 24 \quad \checkmark \quad (1) \quad -1$$

$$(4-1)! = 3! = 6 \quad \checkmark \quad (1) \quad -2$$

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

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

$$\binom{4}{2} \times (2-1)! = 6 \times 1 = 6 \quad \checkmark \quad (1) \quad -5$$

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

$$\binom{4}{2} \times 2! = 6 \times 2 = 12 \quad \checkmark \quad (1) \quad -7$$

$$3! = 6 \quad \checkmark \quad (1) \quad -8$$

c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z

$$3! \times 2! = 6 \times 2 = 12 \quad \checkmark \quad (1) \quad -9$$

$$\frac{4!}{2!} = 12 \quad \checkmark \quad (1) \quad -10$$

$$2! \times 2! = 2 \times 2 = 4 \quad \checkmark \quad (1) \quad -11$$

$$\frac{4!}{2!} = 12 \quad \checkmark \quad (1) \quad -12$$

$$\frac{4!}{2!} = 12 \quad \checkmark \quad (1) \quad -13$$

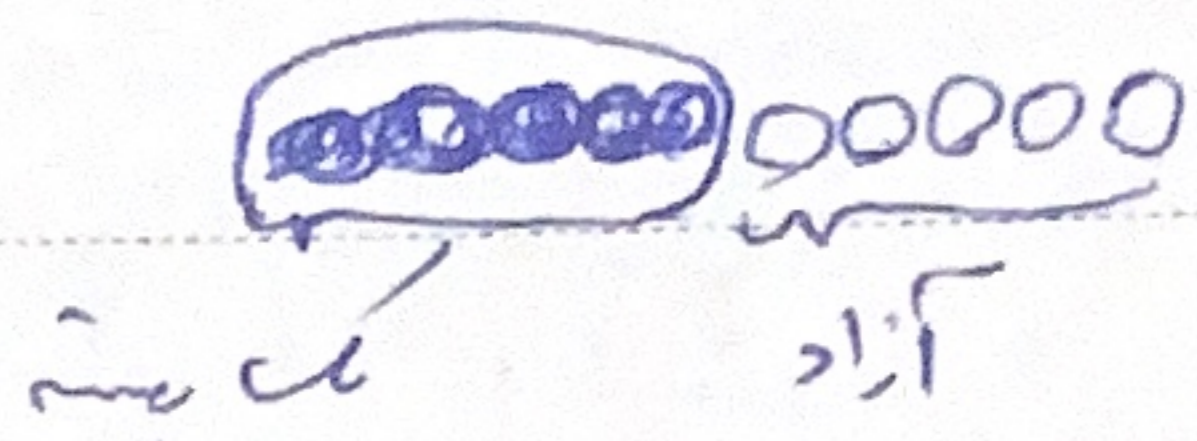
$$4! \times 2! = 1 \times 2 \quad \checkmark$$

①

-13

$$4! \times 2! = 1 \times 2 \times 2 \times 2 \times 2 \quad \checkmark$$

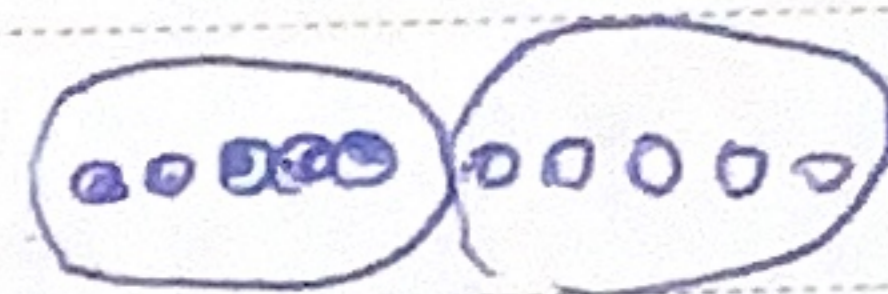
①



-12

$$3! \times 2! \times 1! = 1 \times 2 \times 2 \times 2 \quad \checkmark$$

①



-11

$$\binom{4}{2} \times 2! \times 2! = 1 \times 2 \times 2 \quad \checkmark$$

①



-10

$$1 \cdot 1 - \left(\binom{4}{2} \times 2! \times 2! + 4! \times 2! \right) \quad \checkmark$$

①

-9

$$3! \times 2! \times 1! = 1 \times 2 \times 2 \quad \checkmark$$

①

-8

$$3! \times 2! = 1 \times 2 \times 2 \quad \checkmark$$

①

-7