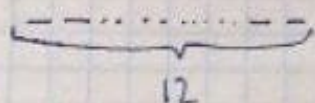


Константинов Иван 0362 гр.

2 Вариант (036226 mod 4 = 2) 6×5

N°	ОТВЕТ
1	C_{12}^8
2	C_{189}^{44}
5	477

(N°1)



Ответ: C_{12}^8

(N°2)

$$x_1 + x_2 + \dots + x_{45} = 100$$

$$x_i \geq -1$$

$$y_i = x_i + 2 \quad (y_i \geq 1)$$

$$y_1 + y_2 + y_3 + \dots + y_{45} = 100 + 2 \cdot 45 = 190$$

$$190 - 1 = 189$$

$$45 - 1 = 44$$

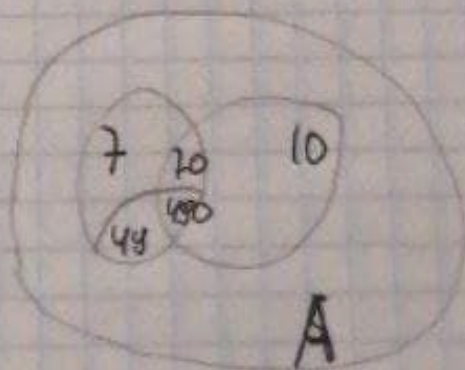
Ответ: C_{189}^{44}

(N°5)

$$\{7\} = 209 \quad \{10\} = 76$$

$$\{49\} = 49 \quad \{20\} = 75$$

$$\{490\} = 43 \quad \{A\} = 510$$



$$\{10\} \cup \{49\} = \{A\} - \{10\} + \{490\} = 510 - 76 + 43 = 477$$

Ответ: 477