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koliko existuje smetaju tipu

$$x_1 + x_2 + x_3 + x_4 = 26, \quad x_i \in \mathbb{N}_0 \\ x_i \geq 3$$

$$000 | 000 | 000 | 000$$

$$(14)$$

$$y_1 + y_2 + y_3 + y_4 = 14, \quad y_i \in \mathbb{N}_0$$

$$0 - 14$$

$$1 - 3$$

$$x = \binom{17}{3} = \binom{17}{14} = \frac{17!}{3! 14!} = \\ = \frac{17 \cdot 16 \cdot 15}{3 \cdot 2} = 17 \cdot 5 = \underline{\underline{680}}$$

koliko existuje rozetů typu

$$x_1 + x_2 + x_3 + x_4 = 26, \quad x_i \in \mathbb{N}_0 \\ x_i \geq 3$$

$$000 | 000 | 000 | 000$$

$$(14)$$

$$y_1 + y_2 + y_3 + y_4 = 14, \quad y_i \in \mathbb{N}_0$$

$$0 - 14$$

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$$X = \binom{17}{3} = \binom{17}{14} = \frac{17!}{3! 14!} = \\ = \frac{17 \cdot 16 \cdot 15}{3 \cdot 2} = 17 \cdot 40 = \underline{\underline{680}}$$