ориа клога (п клоги)

Зад 2. к перазитни гастиза да се разположья в пилети а/всача клета съеврина най-шиого 1 гастиза  $\frac{n!}{(n-\nu)!} \times ! = \binom{n}{\nu}$   $= \binom{n}{\nu} \times n - 0 \text{ reg zerra}$ Us Jupane v-ra door vieru brown ga cromun rawyu , roes of neveru us du pane v -> (n) Mepnytayen na Desenenta sangoto pega N Mana sharefue избиране © обенти розредени, сперкоего реши ка к! за да мах нем реда Il unespure moral pa copo purat infousbonen offair raisinge v! ne vaba 1/40 e y 210
2000 bunaz. npunep 1,2,3 una 6 neprysaya, Cars & stors npung K= 8, n=5 cremara c pasgenseruse | x1 x x x x x x x x x x la supasuo n 9000

Bounaire obern 7.0. but us began a passent 7.0. but 1.0. (n+k-1) a usoupane propert (n+k-1) = (n+k-1)

309 X2 + X2 + ... + 1 x = 11

Xi > 1, n & Z

Dem Epue

neva n= 7, n=5

3 besquire osna rabor vauba e crouno cora ha gag en Xi

 $- > \binom{n}{\nu-1}$ 

ne e (n+) sayoro na 1 u nocie from sur sur paspeartes

Du Xi 20 10 unane omo 60 (n+k-1)

3. 8,71.3!

се спотнот зпота т.е. 8 слого

и зпота по гот расположе.

ти про извоемо → 3!

¥ | 7! 3!

$$6/2$$
  $3$   $4$   $3 \Rightarrow 2.3.4.3$ 

$$6\left(\begin{array}{c} 10 \\ 2 \end{array}\right) + \begin{pmatrix} 10 \\ 4 \end{array}\right) = \begin{pmatrix} 12 \\ 4 \end{pmatrix} - \begin{pmatrix} 10 \\ 3 \end{pmatrix} - \begin{pmatrix} 10 \\ 3 \end{pmatrix}$$

$$6 \overline{)} = \begin{pmatrix} 12 \\ 4 \end{pmatrix} - \begin{pmatrix} 10 \\ 3 \end{pmatrix} - \begin{pmatrix} 10 \\ 3 \end{pmatrix}$$

$$6 \overline{)} = \begin{pmatrix} 10 \\ 4 \end{pmatrix}$$

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$$6 \overline{)} = \begin{pmatrix} 10 \\ 3 \end{pmatrix} - \begin{pmatrix} 10 \\ 3 \end{pmatrix}$$

$$6 \overline{)} = \begin{pmatrix} 1$$

$$\begin{pmatrix} 10 \\ 2 \end{pmatrix} \begin{pmatrix} 10 \\ 3 \end{pmatrix} \begin{pmatrix} 10 \\ 4 \end{pmatrix}$$

$$0 \qquad 0 \qquad 0 \qquad 0$$

$$0 \qquad 0 \qquad 0 \qquad 0$$

$$0 \qquad 12 \\ 12 \\ 4 \end{pmatrix}$$

TOUZ EZENUNA HA nackas

6. af 
$$2^{5}$$
 3a BCORA TOTHO CON 2 683 MO MARO CON

1 2 683 MO MANO CON GOD NE e COMO A NODA SHA

[AuB u AuC)

->  $2^{5}-2$ 

1 2 125 1) TOTHO  $1 = 5^{\circ}$  2400 A+ 50240 B+ TOTHO C

 $6/3. /2^{5}-2) \quad \text{To tho } 1 = \text{Fo tho } A + \text{Fo tho } B + \text{To tho } C$  1/2 + 2/2 +

TO 200 2 = 3 68 3 mo mus or

$$3\left(2^{5}-2\right)+3$$

$$\binom{3}{2}$$

g/ 3<sup>5</sup> - [3(2<sup>5</sup>-2) +3] b b w zen 623 no meno cire

7. of 
$$1_{n-1} = 3^{n-1}$$

or n-re neva usdupane « «Egero us dupane » «Egero use pour de per mosayun » « « sans abane « 1, um 3

$$\binom{n}{k}$$
.  $2^{n-k}$ 

6/ unane n-2 nosugue

 $\nabla$   $| \mathbf{k}_1 + \mathbf{k}_2 + \mathbf{k}_3 = n$ 

$$= \frac{n!}{\kappa! \, \kappa_{\nu}! \, \kappa_{s}!}$$

x) pasmentane bur un grappu no n! na zuna creg vosa npemax bane nepryvayente ha orgenture queppu.

3. NAR
$$2 - 2^{n} - 2^{k} + 1$$

$$pashoro neo esecto$$

$$= (2^{n} - 1)(2^{k} - 1)$$

$$neupasho senses bo$$

$$na a u na b$$