## ROMENHATOPHKA

=> Hago may ruiteq crutate rueno zn.

## O Tipabuno yun. u cnom.

ocother byeth my Annuy B

m+n cnocosob

uz A, notoen uz B m.n chocos

Inpaniterul

# Sup-e Cuo Muo

Chonomo J hernzharthar rucen?

9.10-10.10.10 = 9.104

3np.-e.

A - anp. 33 Sykby

B- wippi 10

C- WHZA. 26

(33+10+26)

## 2) Trungun Dupux 1e

Emy y hac ecto h rugukob 4 n+1 kponuk, Tozgoj xoTlosh b ogten rugune ogget z kponuka

I hpanitetue

12 KOCKOB 66, 62.

3 wryky

Inpanke tue

eugun 101 nyzobuga ogresso uz 11 ybliob

Dokazatt:

Hangeta MSO 11 nyrobus ogkoro yseta MSO 11 nyrobus Paznoro

Tipegno Lomin, 2To per 11 hgr. I n her 11 pazz.

10 wigk Ha & kpacky 100

3 Pazne wetur

Sez nobropekum  $n \cdot (n-1) \cdot (n-2) \cdot ... \cdot (n-(m-1))$ An c nobropekum  $n \cdot n \cdot n \cdot n \cdot n = n^m$ 

A= {a,,...,an} xoruy 0005par6 m ungk n Bamen

NOPAGOL OTSOPQ

3 npan hetme

la vouang cnocosob pamp vecta c hpuzou

A3= 16-15-14

B= 21, 7, 3,45

Chorbro J 2-x 3 Herzhux rencen uz 3 Tux 1840P

#### 4 Tepectakobku

- Sez nobrope Huñ An= P(n) = n.(n-1)-2.1=n!

 $P(N_1,...,N_k) = \frac{N!}{h_1! \cdot N_2! \cdot ... \cdot N_k!}$ 

· c nobtoperarm

## THE DOMES

In pa mule fue

9! 4! 3! 1!1!

40 KHUZ

A40 = 40.39.38.....3.2.5

Inpam kettue

Kesash - 3 Nguyu - 4 Naxraba - 2

## 5 Core Takul

> Seg hobtopetun  $\frac{h-m+1}{C_{n}^{m}} = \frac{A_{n}^{m}}{m!} = \frac{h \cdot (n-1) \cdot ... \cdot (n-(m-1)) \cdot (h-m)}{m!} = \frac{n!}{m! \cdot (n-m)!}$ > C hobtopetune un  $C_{n}^{m} = C_{n+m-1}^{m}$ 

A= 2a.,...,ang m utyk, no hopegok kebamety

## Supameture

2 gpyra 5-45 g noker 2-05 7 mryk

2 MONETH 2 MONETH 2 Mapker 2 MONETH 2 Mapker  $2 \text{$ 

#### Inpanketul

Haragust 4 buga hypomith is

Juity kynuth

Naxnaba

Saypeah

### Bakogupyen nokynku:

$$\frac{10!}{7! \ 3!} = C_{10}^7 = C_{4+7-1}^7 =$$

$$\frac{[m+n-1]!}{m!\cdot(n-1)!} = Cm$$

#### Inpam retul

Octable Bla 10 ren.

Troeza 10 Baroteof

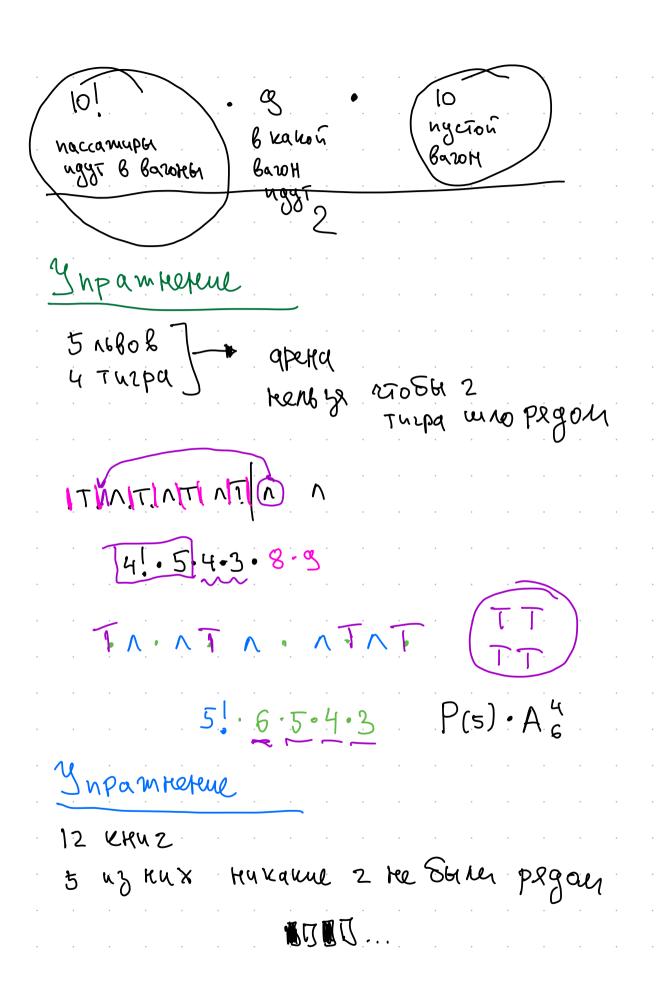
P(1 Barok nyctoù) = 1

N= 10.10.10....10 = 100 = A10

m= 10.9.81. C2

boero chocosob nocaguts sugers b Barokby

C10.81.10.9



7 rigner   Chombo chocosob pacciabuis 4x 2
5 egunus / 20084 1 re crossus pagon
C 6 + C 6 1 1 4 6 11
$C_{\mathbf{g}}^{5} = 0$
3 npan kefeue
KPYZNEW CTON APTYP PHYAPU 12 renobek
5 wigh
3 renobek
AHTONNÝ
AKatomin
$= \frac{6!}{4! \cdot 2!} = C_6^4$
Attarounn II renober

$$\frac{1}{1}$$
  $\frac{1}{1}$   $\frac{1}$ 

## 3 hpanketul

DOMUNO 4 UZPOKQ 26 KOCTEÑ YNZPOKA 7 KOCTRUNEK CKONGKO ECTÓ CHOCOGOB STO CGENQTÓ?

$$C_{28}^{7} \cdot C_{21}^{7} \cdot C_{14}^{7} \cdot C_{7}^{7} = \frac{28!}{7!21!} \cdot \frac{21!}{4!7!} = \frac{28!}{7!21!} \cdot \frac{21!}{2!7!} = \frac{28!}{7!21!} \cdot \frac{21!}{7!21!} = \frac{28!}{7!21!} = \frac{28!}$$

Supampe fue

10 ponamek 2 renobera 15 Bachabkob 14 a) cuo usus cuo cosob 11. 16.15 8) Kanghin gonner nongruit 23 2+ 6+12 PB 12.16.15 - (2+6+12)