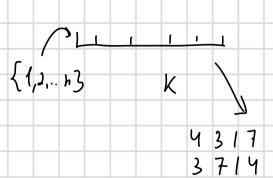
### Pazueyenna u coretanua

#### Pazneyem

Coreganu

\ \ \{4,2,3...,b}



$$h = \frac{\kappa}{(h-\kappa)!}$$

$$\begin{pmatrix} h \\ K \end{pmatrix} = \frac{h!}{(n-K) K!}$$

#### OTHOME hul. 2Kbulonens work

$$\begin{cases}
\{1,2,...,n\}^{K} & |e_{n}=n|^{K} \\
[1,2,3,4] & \\
[1,1,1,1]
\end{cases}$$

#### pynnbl

rpy nouj; (X, 0) o: X x X -> X

hony upona: uponomy + accognate whole

MOHOY; hony yoma + HELTP. In.

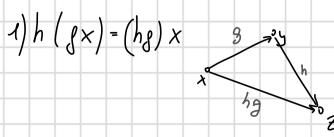
motory + OSPATHOIN Upynna:

# Ppynnu generbun

( - upyma

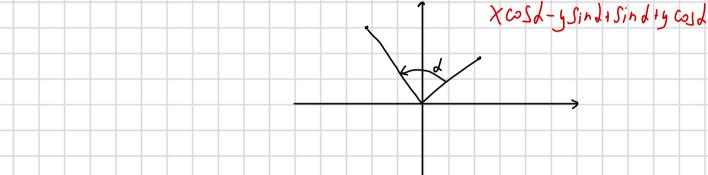
$$G \times X \to X$$

$$A)h(gx)=(hg)x$$

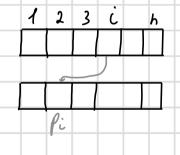


2) 
$$\ell \times = X$$

$$\begin{array}{l}
N_{p.:} \\
1 \times - \mathbb{R}^2 \\
G = (\mathbb{R} \setminus \{0\}, x) \\
g \cdot (x, y) = (gx, gy) \\
f \cdot \mathbb{R}^2 \\
2 \times \mathbb{R}^2 \\
G = ([0, 2\pi), +_{mod 2\pi})
\end{array}$$



3) 
$$X = IB^n$$
  
 $G = S_n$   
 $\rho = (\rho_1 \rho_2 \dots \rho_n)$ 



$$\rho = [3,1,2,4,5]
 \begin{cases}
 1 & 1 & 0 & 0 & 1 \\
 4 & 0 & 1 & 0 & 1
 \end{cases}$$

$$\begin{aligned}
 \chi &= [1,1,0,1,1] \\
 \rho &\times &= [1,0,1,0,1]
 \end{cases}$$

## Группа перестановок

