## Lenne de Burenside ViscecLEI

Enonce Gungpe aginant our un eno. X.  $(\#G, \#X) \in \mathbb{N}^{\#}$   $Fix(g) = \{x \in X/q \cdot x = x\}$   $SVab(x) = \{g \in G/g \cdot x = x\}$   $onb(x,G) = \bigcup \{g \cdot x/g \in G\}$ 

# onb(x,6) = 1 = # Fix(g)

## Pour Quoi?

$$g_1 = e$$
  $g_2$   $g_3$   $g_4$  ....

 $\Rightarrow$   $skab(x_2)$ 
 $x_3 = e$ 
 $\Rightarrow$   $skab(x_2)$ 
 $x_4 = e$ 
 $\Rightarrow$   $skab(x_2)$ 
 $\Rightarrow$   $skab(x_2)$ 

$$\begin{cases} \sum \# Slab(x) = \sum \# Fix(g) \\ g \in G \longrightarrow g \cdot x \in onb(\{x\}, G) := o_x \end{cases}$$

$$(C) \# G / \# Slab(x) = \# o_x$$

$$= \frac{1}{\#6} = \frac{1}{\$} = \frac$$