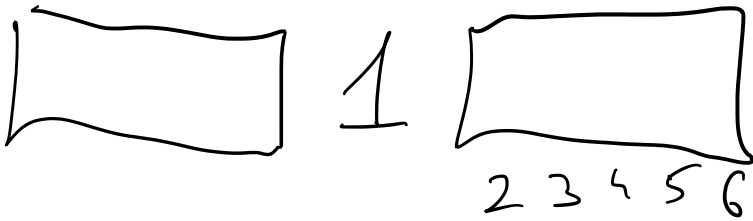
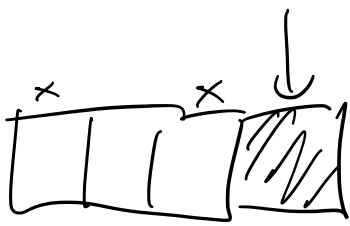


$k=3$

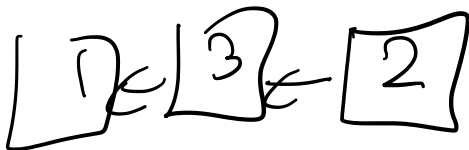


$k+1 \Rightarrow 1 \Rightarrow k$

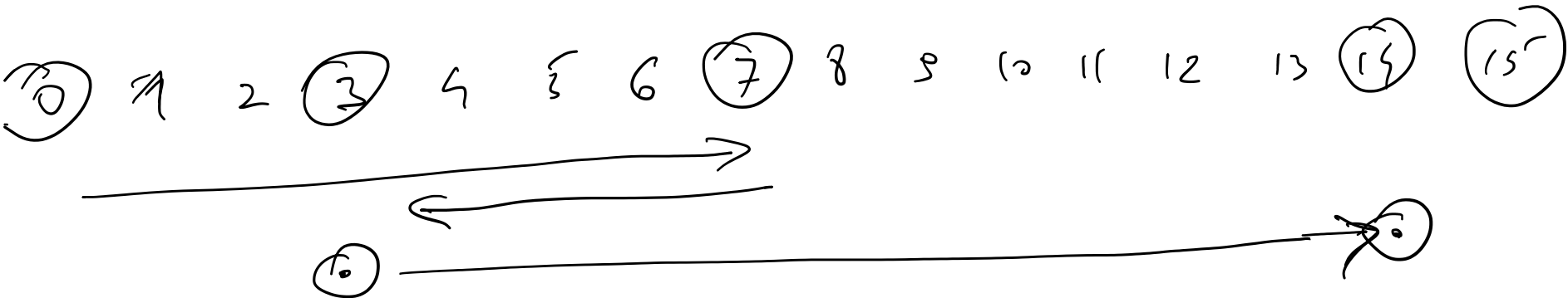


Only possible form

$1 \quad 3 \quad 2$



$n$



$g, r \leq 1000$