

q q b b c

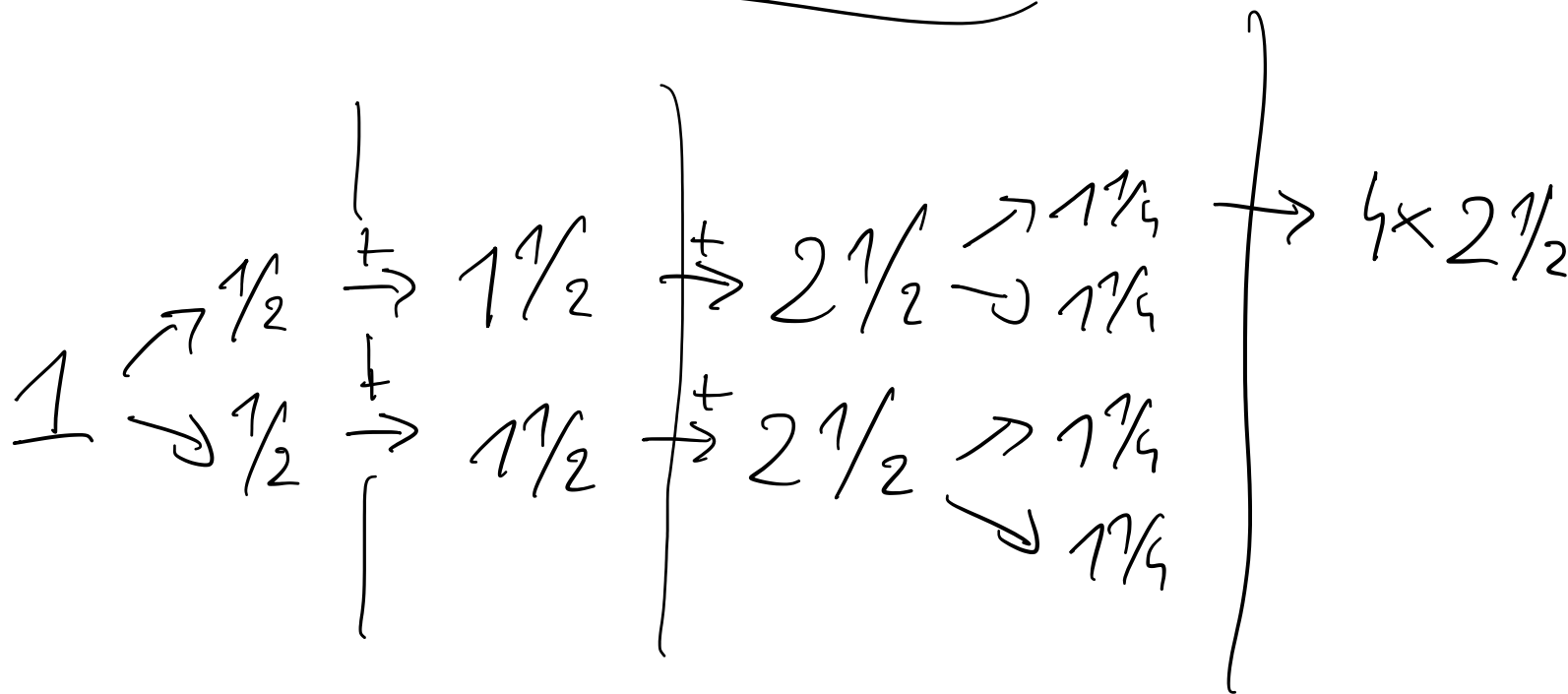
q b c  
q b

q q  
q b

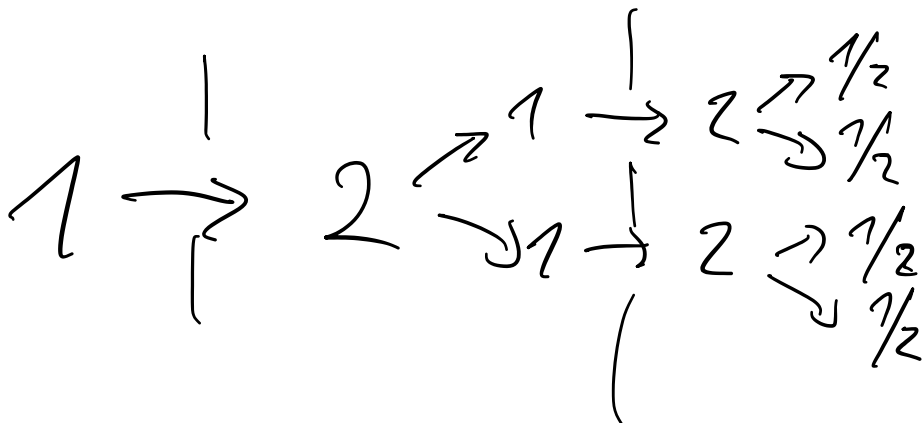
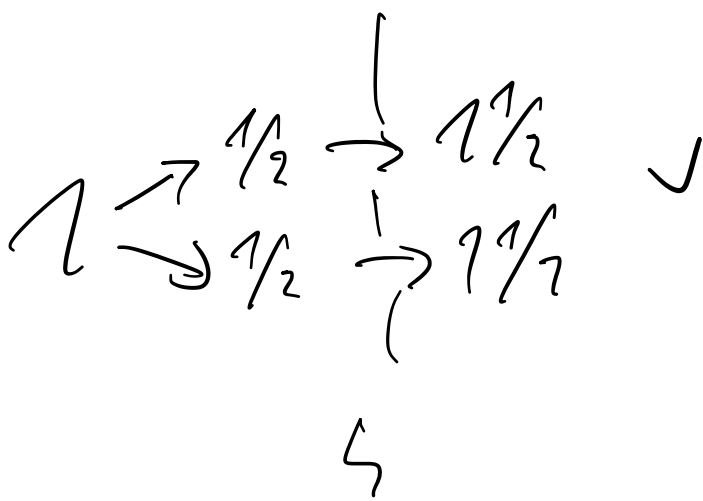
q q | ✓  
q q |

|

q b c ⇒ a b b c  
q b a



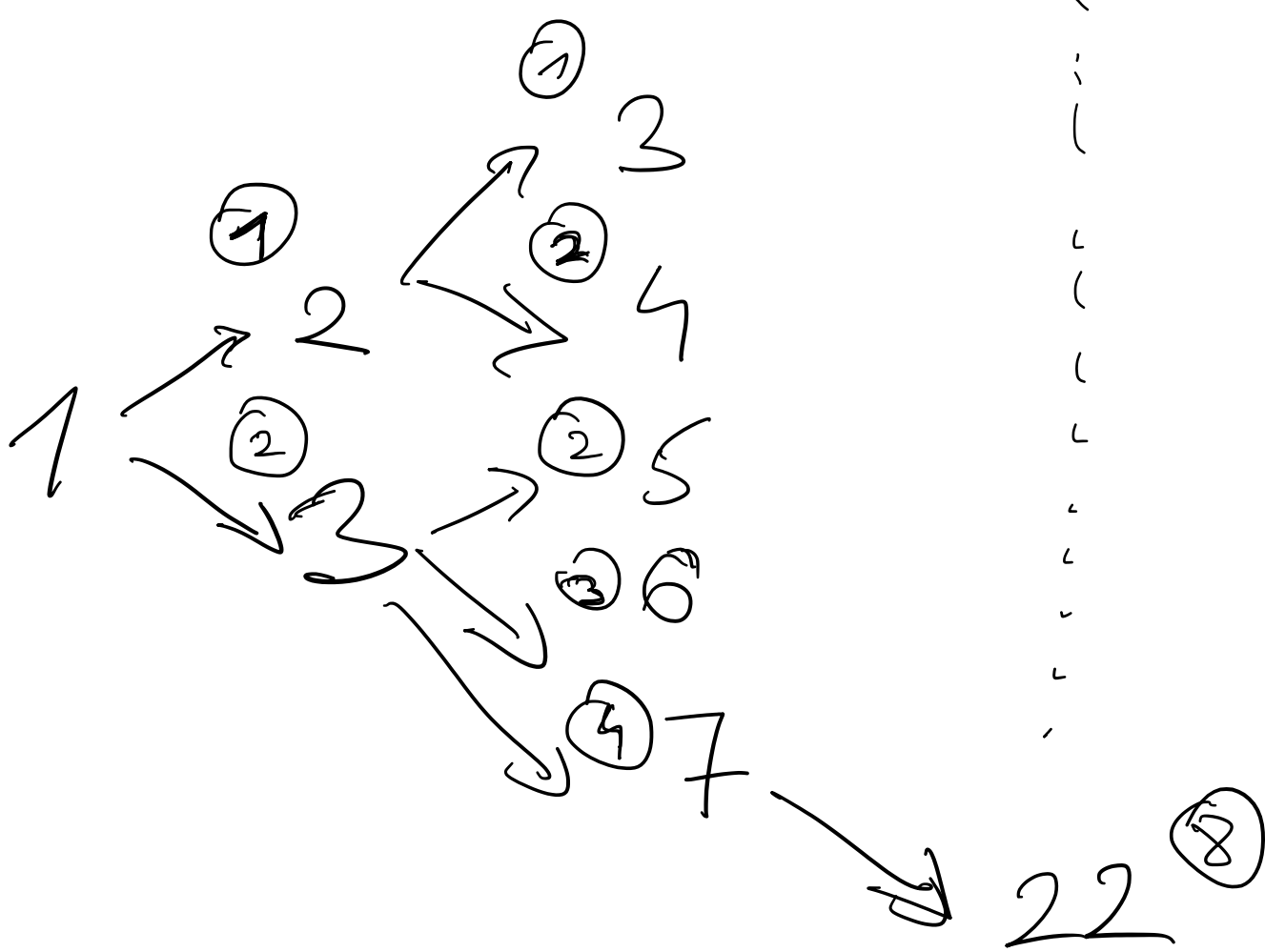
3



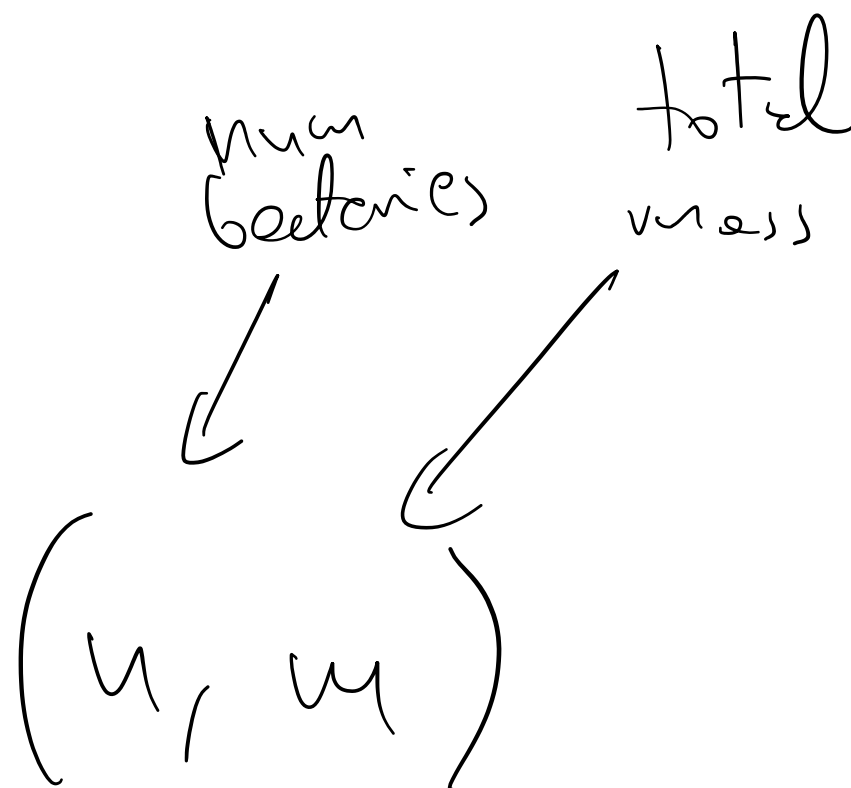
$numB' \in [numB .. 2 \times numB]$

mass change  $\neq numB$

max log n days  $\textcircled{!}$



1 0  
1 → 3 →



9 → 4

$next_n \in [n .. 2 * n]$   
 $next_m = n + next_n$

$\textcircled{1} \rightarrow \textcircled{2} \rightarrow \textcircled{4} \rightarrow \textcircled{5}$