suiter - > dextrose

t=00: massa suchen = 100g massa dextrose = 0g

Stel x(t)= mana snihen (ing) dat q tijdskip t(min) al is angestet in derbrose

 $\frac{dx}{dt} N (100-x)$ 

dx = /2, (100-x)

<u>dx</u> = k. dt

 $\int \frac{dx}{100-x} = \int k \cdot dt$ 

- ln(1100-x1) = let+(
6 100-x>0, dus 1... | is ownbooks

ln (100-x)=-le.t-C

Zoek mn t woarbig x = 30: -0,2.t t = 11,5129 min