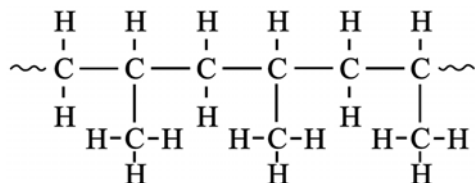
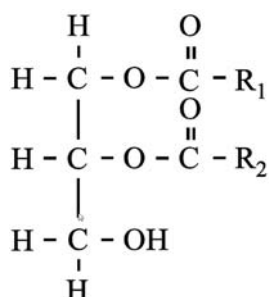


**Gist**

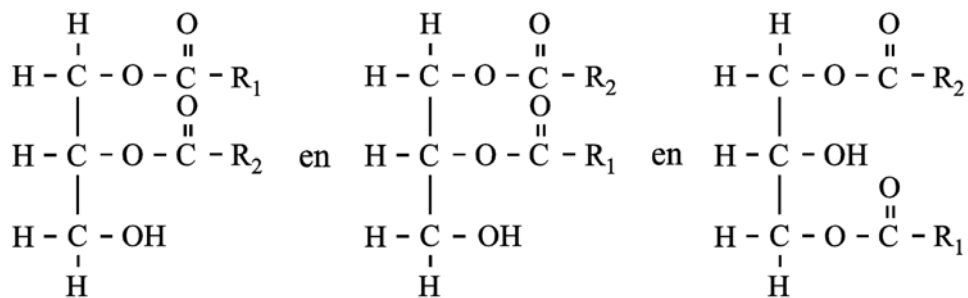
25



26



27 Er zijn 3 mogelijkheden :



28 gist I :  $(19,8 - 7,5) = 12,3 \text{ cm}^3$   
 gist II :  $(11,8 - 4,0) = 7,8 \text{ cm}^3$

29 De activiteit van gist II is  $\{(12,3 - 7,8) / 12,3\} \cdot 100 \% = 36 \%$  lager dan die van gist I.

30 De lijnen lopen na enige tijd even stijl.

31 -  $0,18 \text{ g CO}_2 = (0,18 / 44,01) \text{ mol CO}_2 = 4,09 \cdot 10^{-3} \text{ mol CO}_2$   
 - naast  $4,09 \cdot 10^{-3} \text{ mol CO}_2$  ontstaat :  $4,09 \cdot 10^{-3} \text{ mol C}_2\text{H}_5\text{OH}$   
 - dat is :  $4,09 \cdot 10^{-3} \cdot 46,07 = 1,9 \cdot 10^{-1} \text{ g alcohol}$