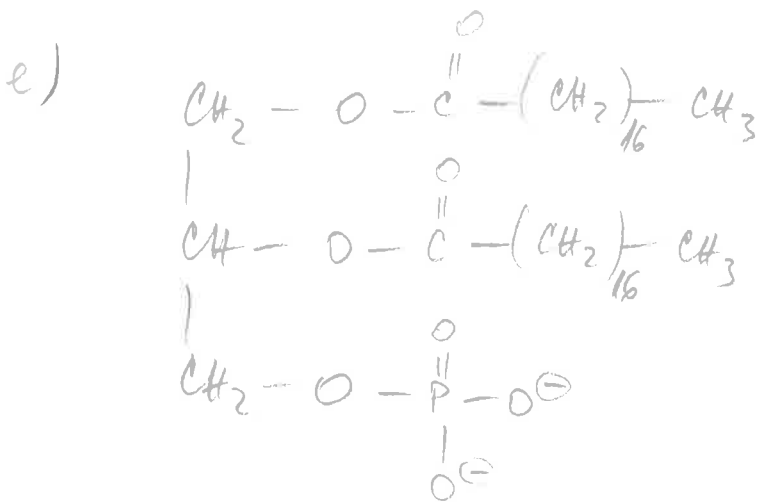
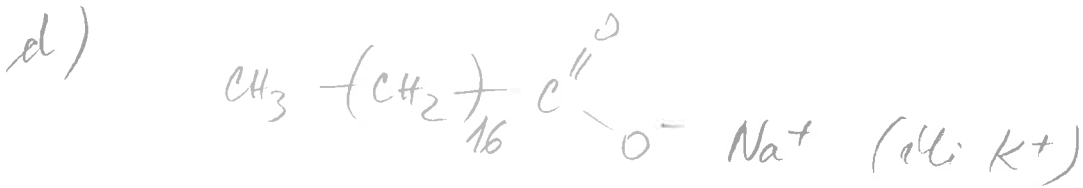
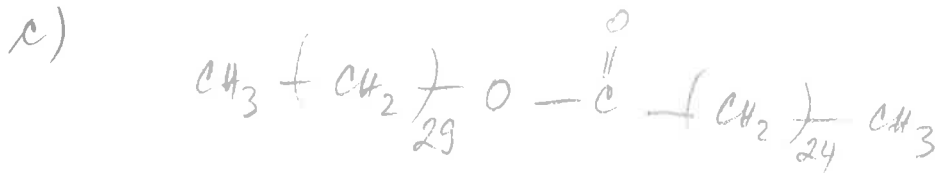
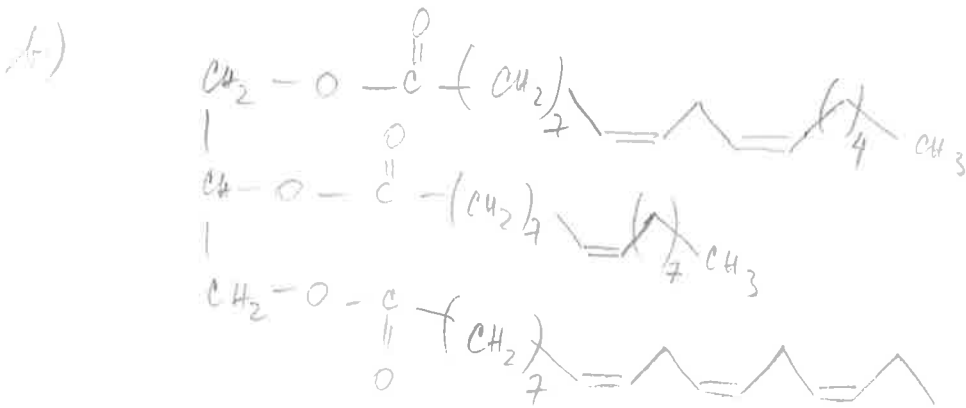
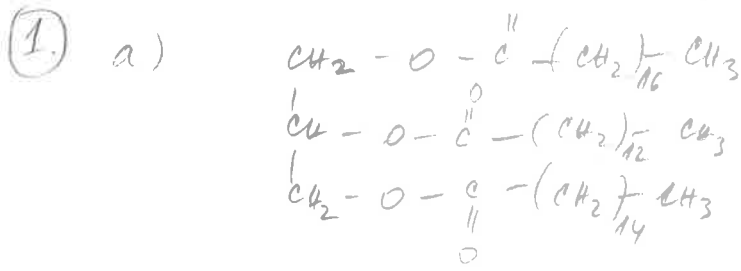


# LIPIDI - rješujući zadatke

Slide 26



f)



5 acilni  
prsten

trans

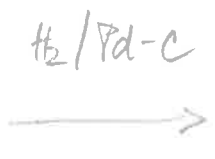
20 C-atomna  
na jednoj strani  
CH<sub>3</sub>, na drugoj COOH

R COOH

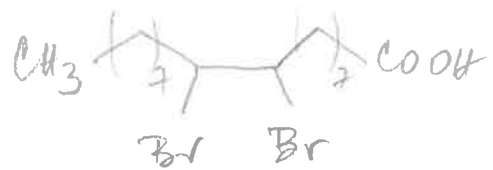
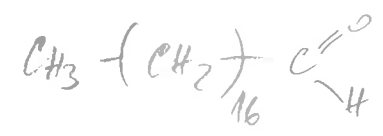
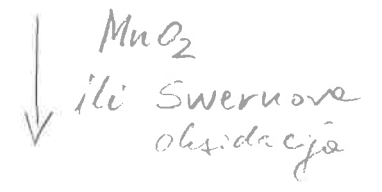
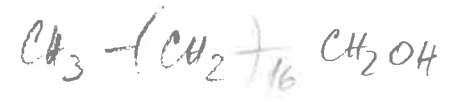
2.



a)

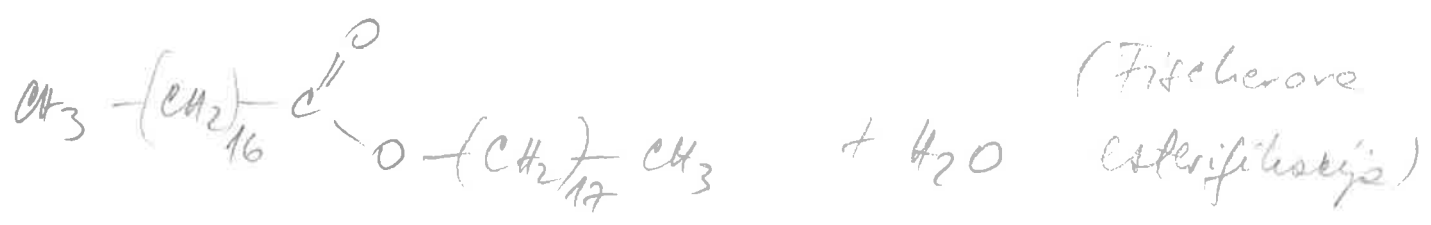
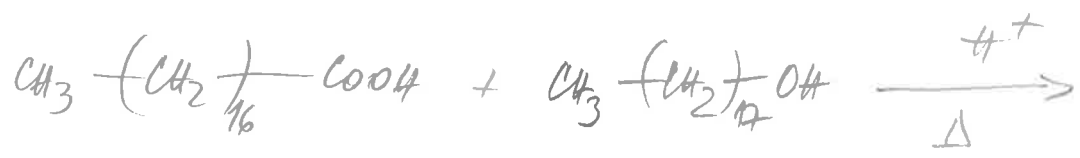


b)



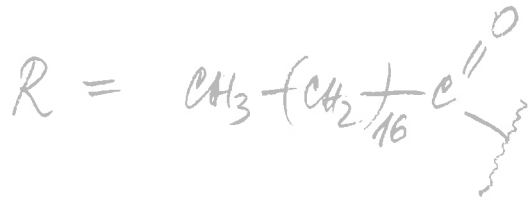
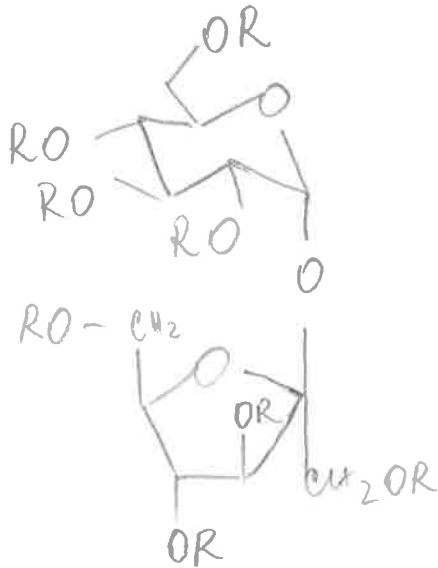
(zato brjga ako je neposredno desno Br metilobromo u trans položaju)

c)

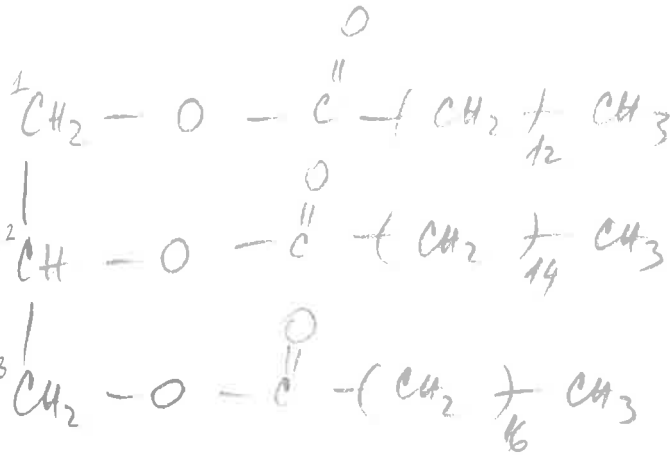


# LIPIDI - D.2.

①



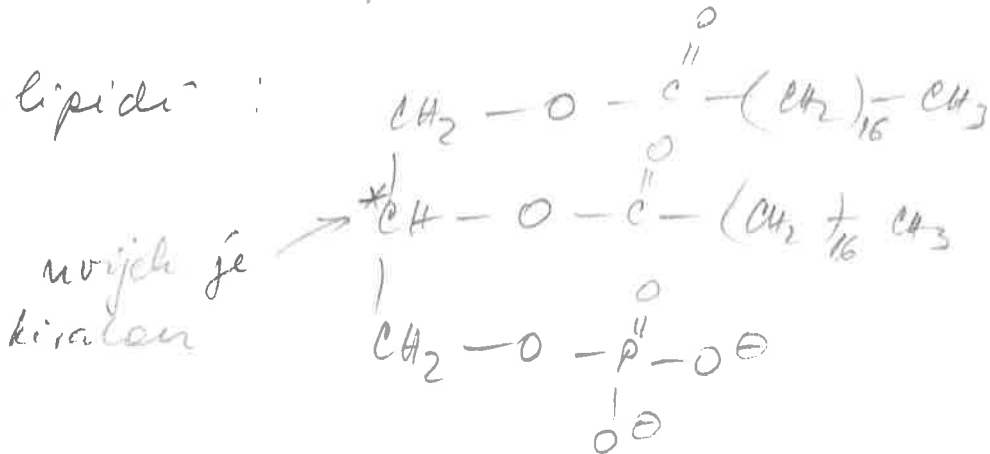
②



kiralni  
centar

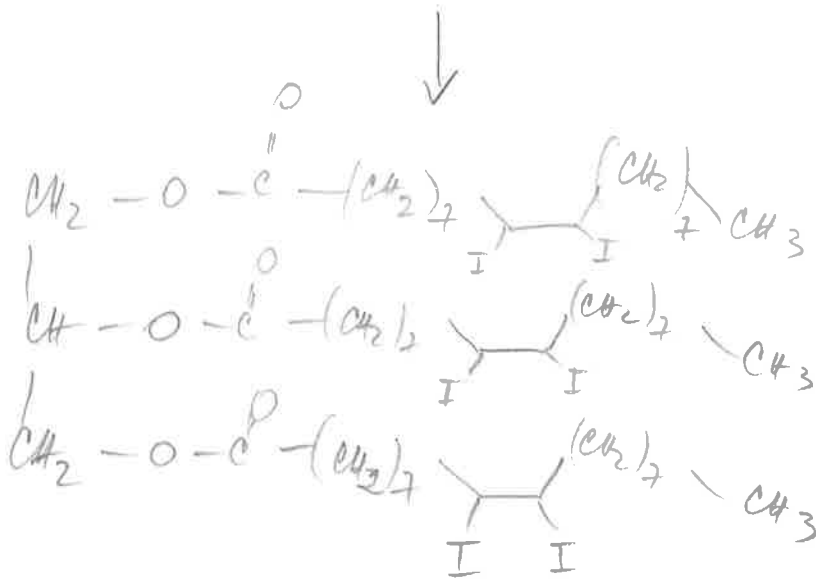
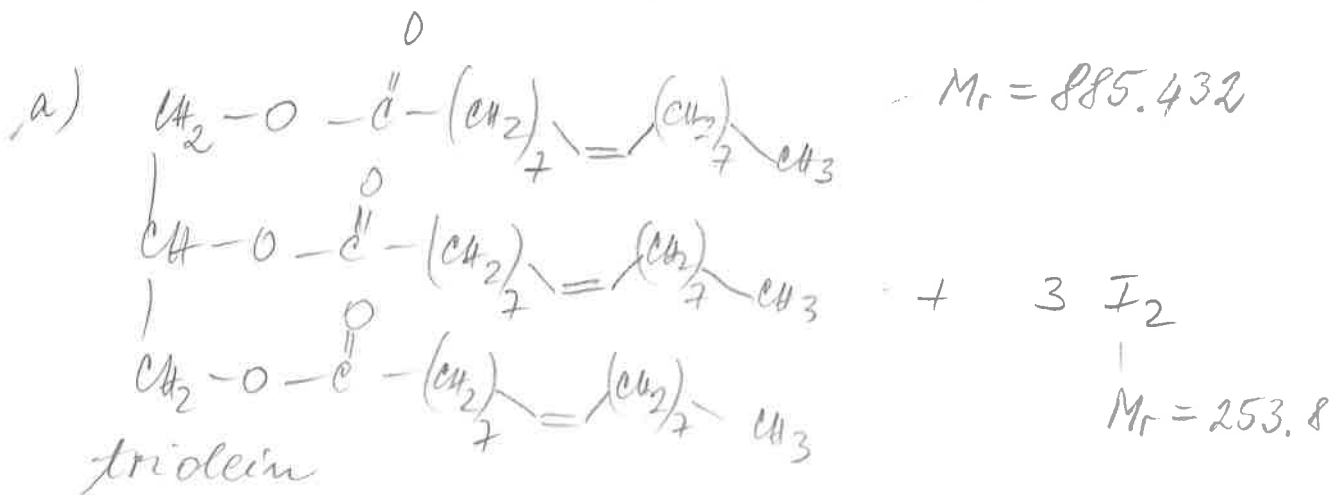
Ker tu na položaj 1 i 3 vezane različite masne kiseline, tada C2 postaje kiralni (dva različitih substituenta)

Fosfolipidi :



ovaj je  
kiralni

$$\textcircled{3} \quad \text{jodni broj} = \frac{m(I_2)}{100 \text{ g ulja i li masti}}$$



$$\frac{m(\text{triolein})}{m(I_2)} = \frac{1}{3}$$

$$m(\text{triolein}) = \frac{1}{3} m(I_2)$$

$$\frac{m(\text{triolein})}{M(\text{triolein})} = \frac{1}{3} \frac{m(I_2)}{M(I_2)}$$

$$m(I_2) = 3 \times m(\text{triolein}) \frac{M(I_2)}{M(\text{triolein})}$$

$$m(I_2) = 3 \times 100 \text{ g} \frac{253.8}{885.432}$$

$$m(I_2) = 86 \text{ g}$$

b) Ulja će imati veći jodni broj jer su nezasićenije od masti.