

Kemi 2 Organisk kemi del 1

Namn: \_\_\_\_\_

1. Rita strukturformel för:

a) 2,2,3-trimetyloktan

b) 3,3-dibrom-2-kloropentan

c) 1,2,3-trimetylciklohexan

d) 4,4-dimetyl-2-heptanol

e) propyl-cyklobutyl eter

f) 4,4-dietyl-2-okten

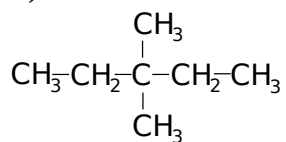
g) metylpropylamine

h) acetylen

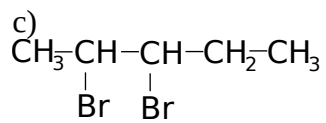
2. Ange rationella namn för

a)  $\text{CH}_3\text{-CH}_2\text{-CHCl}_2$

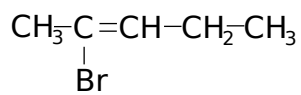
b)



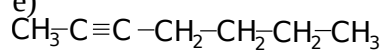
c)



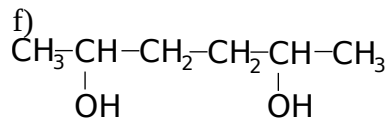
d)



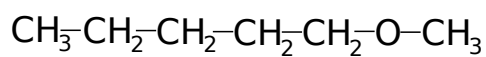
e)



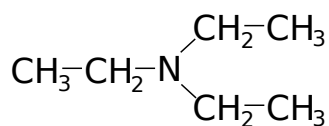
f)



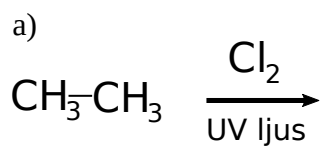
g)



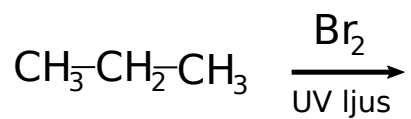
h)



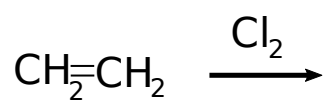
3. Förutsäga produkten till



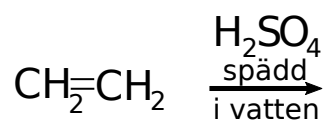
b)



c)



d)



4) Rita alla C<sub>6</sub>H<sub>14</sub> isomererna och namnge tre av dem

5) Bonus: rita tre  $C_5H_{10}$  isomerer.

6) 2-buten har två isomerer. Rita dem, namnge dem fullständigt and förklara varför de inte är samma.