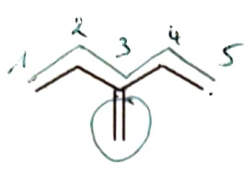
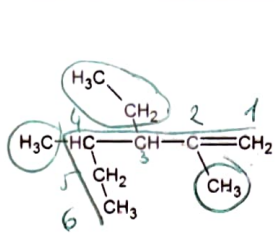
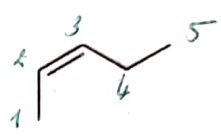
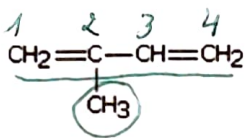
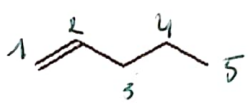
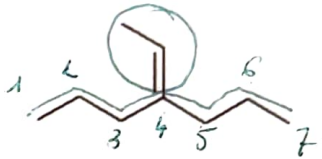
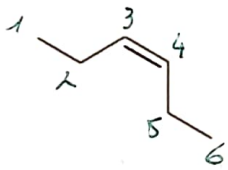
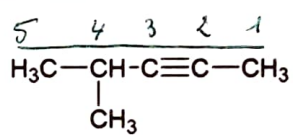
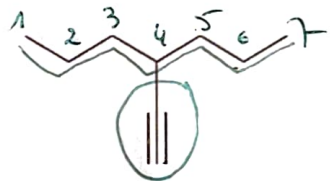
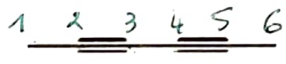
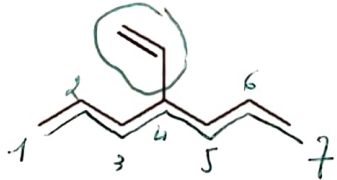
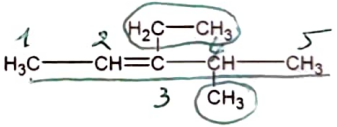
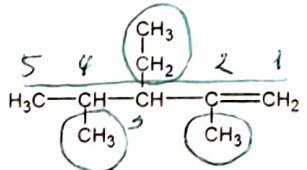
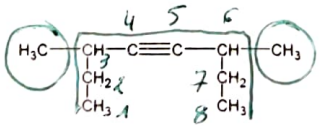
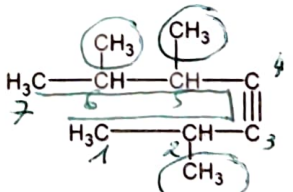
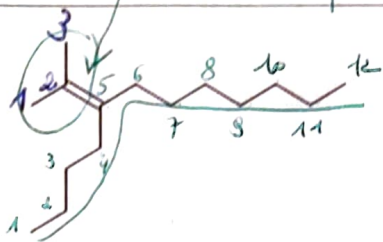


Oefeningen alkenen-alkynen

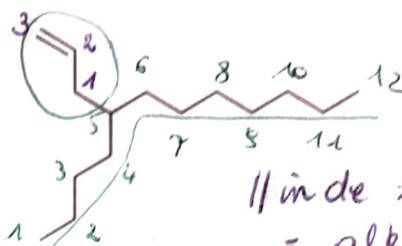
 3-methylpent-2-een	 3-ethyl-2,4-dimethylhex-1-een	 pent-2-een
 2-methylbut-1,3-dien	 pent-1-een	 4-ethylhept-2-een
 (Z)-hex-3-een	 4-methylpent-2-yn	 4-ethynylheptaan
 hex-2,4-diyne	 4-ethenylheptaan	 3-ethyl-4-methylpent-2-een
 3-ethyl-2,4-dimethylpent-1-een	 3,6-dimethyloct-4-yn	 2,5,6-trimethylhept-3-yn

// op langste keten = glicdeen

3 C = propaan plaats in de zijketen = 2



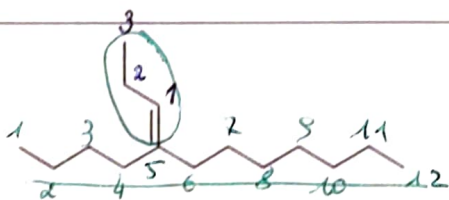
5-(propaan-2-ylidene)
dodecaan



// in de zijketen
= alk-~~x~~-een-~~y~~-yl
3 C = prop-2-een-1-yl
5-(prop-2-een-1-yl)
dodecaan

(y) = verbin-
ding met
hoofdketen

(x) = plaats
binding

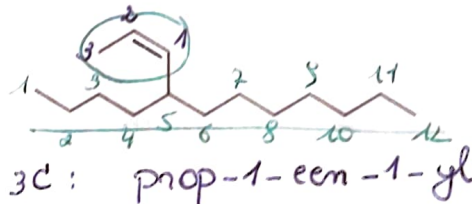


// op langste keten: glicdeen

3 C = prop...

5-propylidene-dodecaan

(E)



3 C : prop-1-een-1-yl

5-(prop-1-een-1-yl)
dodecaan

(Z)