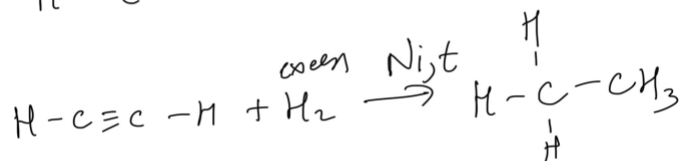
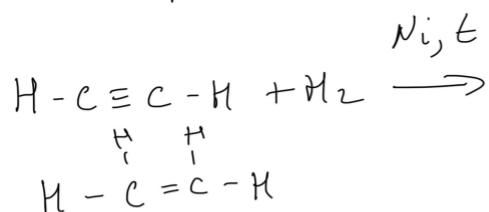
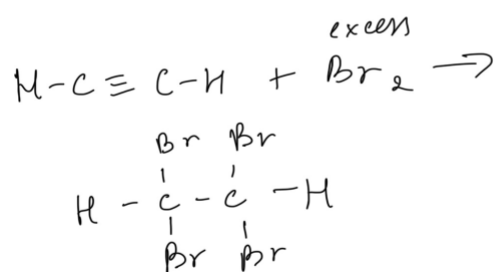
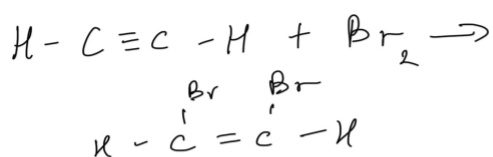


## HW 16, chemistry 2

### ALKYNES

Alkynes have  $C\equiv C$  (triple bond) as functional group. The alkynes, like alkenes and alkanes, are non-polar molecules. Their intermolecular forces are only weak London forces (weak interaction between temporary dipoles). They are unsaturated, the chemical formula is  $C_nH_n$ . They participate in addition reactions.



### Question:

Describe a chemical test that can be used to distinguish between butane and 2-butyne.