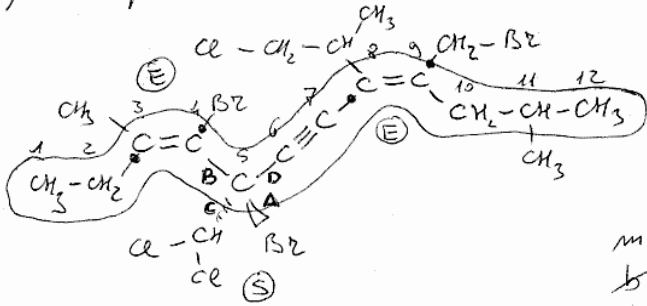


1) Assegna il nome IUPAC

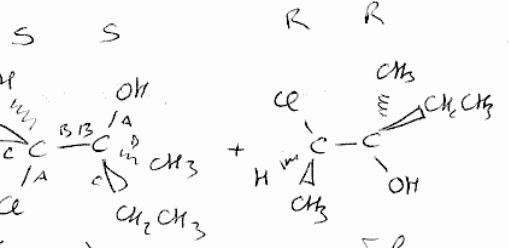
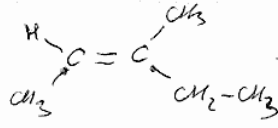
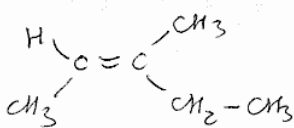


DODECANO
 DODECA DIENINO
 DODECA-3,8-DIEN-6-INO
 (3E,5S,8E)

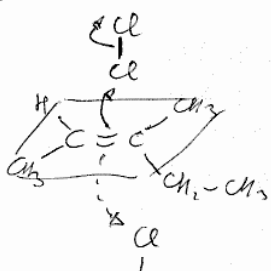
m	3-metil	} 8-(1-cloro prop-2-il) c	
b	4-bromo		} 9-(bromometil) b
b	5-bromo		} 11-metil m
d	5-(diclorometil)		

(3E,5S,8E)-4,5-dibromo-9-(bromometil)-8-(1-cloro prop-2-il)-5-(diclorometil)-3,11-dimetil dodeca-3,8-dien-6-ino

2) S, N, M sulle seguenti reazioni



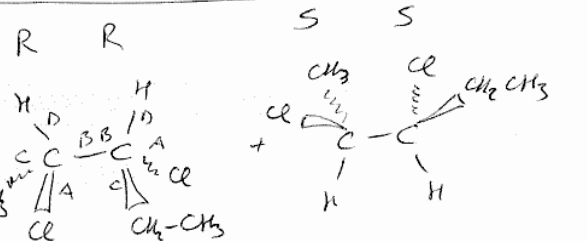
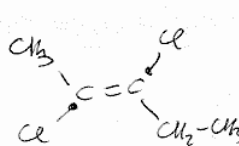
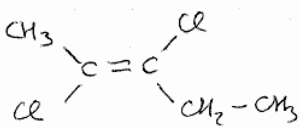
(2Z)-3-metilpent-2-en (2S,3S)-2-cloro-3-metil pentan-3-olo



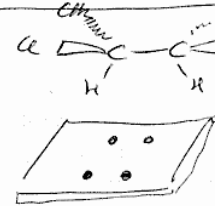
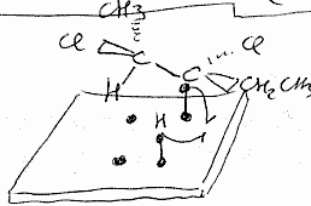
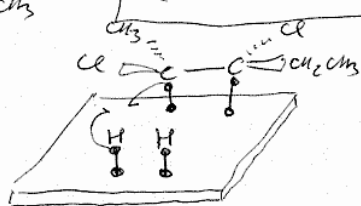
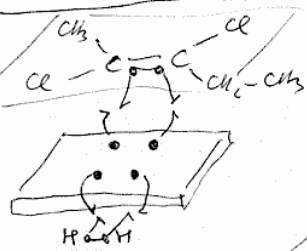
Cl e' attacco da sotto
 parte al ponte cloro
 sotto il piano dell'alchene
 e alla 2^a molecola (S,S)

La reazione è una addizione elettrofila
 anticoplanare che segue le regole
 di Markovnikov

3) S, N, M sulle seguenti reazioni:



(2E)-2,3-dicloropent-2-en (2R,3R)-2,3-dicloropentano



Se l'alchene si lega con l'altra faccia
 al metallo si ottiene la 2^a molecola (R,R)

La reazione è una addizione
 concertata di idrogeno
 SIN coplanare