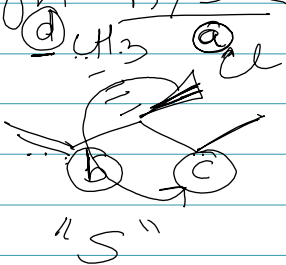


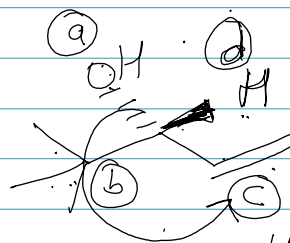
Stereochemistry - 2 R/S

1) Assign R/S

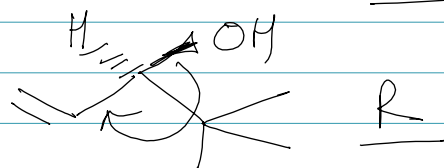
(a)



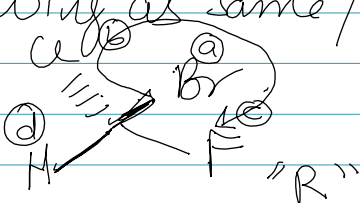
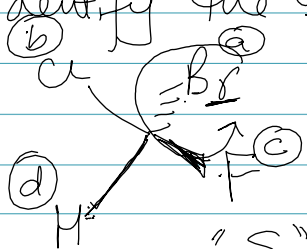
(b)



"S" but H is in front
 so inverse conf "R"

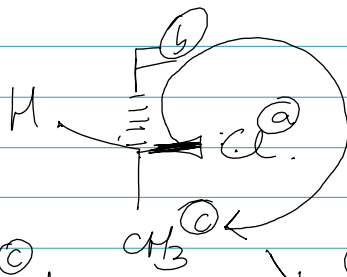
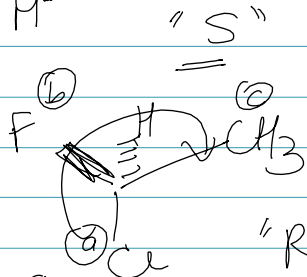


2) Identify the following as same / enantiomers / different



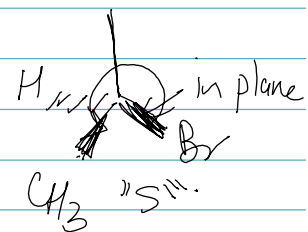
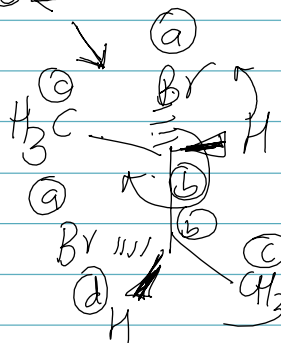
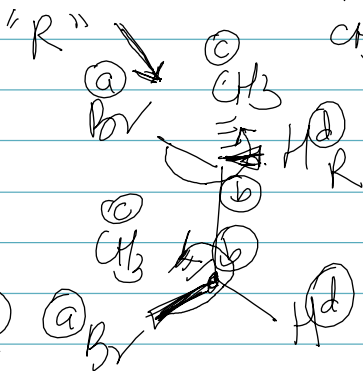
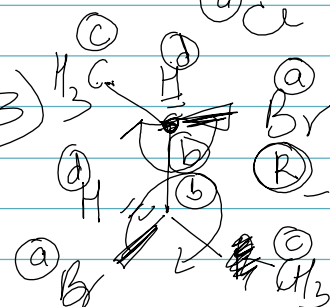
enantiomers.

(b)



Same. rotate

3)



R
R

R
S

S
S

(A) & (B) diastereomers.

(A) & (C) enantiomers.

(B) & (C) diastereomers.