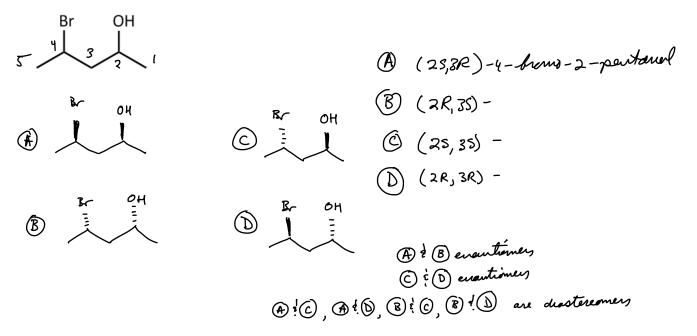
ORGANIC CHEMISTRY CHEM 12A (L1/L1LA/L1LB) LANEY COLLEGE INSTRUCTOR: STEPHEN CORLETT

Quiz 5 (50 points)

(note, where was no Q4)

Key Name

 Show *all* of the stereoisomers of the following compound using the correct symbols and notation to show *unambiguous* stereochemistry. Assign the *configuration* to any stereocenters with the appropriate notation and put these in the appropriate location in the name of the compound, which is 4-bromo-2-pentanol. Show which of the isomers are *enantiomers* and which are *diastereomers*. (note: the structure shown doesn't indicate any stereochemistry or configuration) (35 points)

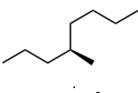


2. Label the following as either *chiral* or *achiral*.

(15 points)

adment

OH



lund