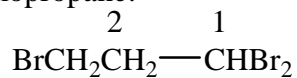


**CHEM 201**  
**Quiz # 4 Chapter 4: Stereochemistry**

1. Draw the Newman projections for the **most stable** and the **least stable** conformations about the **C1-C2** bond of 1,1,3-tribromopropane:

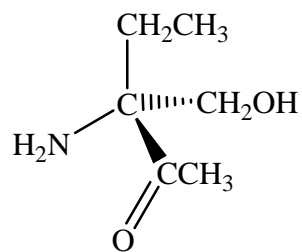


most stable  
Newman projection

least stable  
Newman projection

2. Draw the **most stable chair** conformation for *cis*-1-bromo-2-isopropylcyclohexane

3. For the following 3-dimensional structure:  
 (a) Draw the corresponding Fischer projection.  
 (b) Designate the structure as **R** or **S**.



H							He
Li	Be	B	C	N	O	F	Ne
Na	Mg	Al	Si	P	S	Cl	Ar
						Br	
						I	