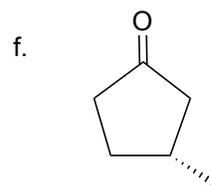
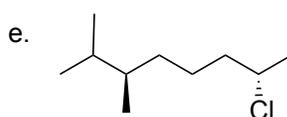
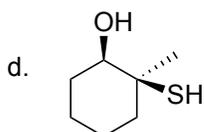
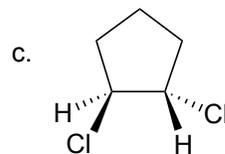
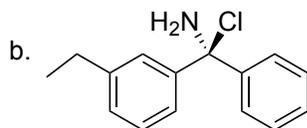
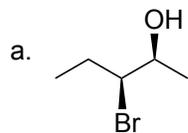


1. Assign R/S configuration to each chirality center in the following molecules:



2. Draw the line bond structures of the following molecules:

- (S)-3-ethyl-2-methyloctane
- (3R,5S,6R)-5-ethyl-3,6-dimethylnonane
- (4R,5S)-4,5-diethyloctane
- (3S,6S)-6-isopropyl-3-methyldecane

Challenge Problem:

3. Assign R/S configuration to each chirality center in the following molecule called brucine:

