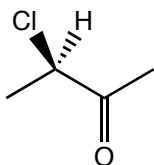


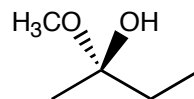
### Quiz 3

1. a. Assign priorities to the groups around the chiral centers drawn below,  
b. and determine the configuration (the *R*- or *S*-ness) of the following chiral centers.

i.

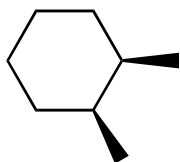


ii.

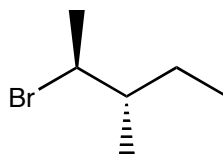


2. Put a star next to the chiral centers on the following molecules.

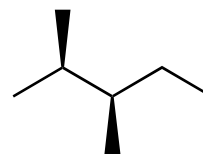
a.



b.

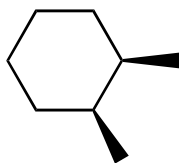


c.

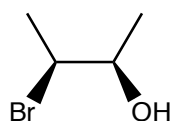


3. Identify which, if any, of the following molecules are chiral.

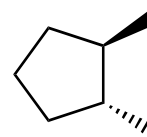
a.





b.



c.



4. Determine the product(s) of the following reaction. Remember to indicate the stereochemistry of the products, where appropriate, by using wedge  and hashed  bonds.

