1. Assign Z or E to double bonds where it is appropriate.

   a. 
   
   b. 

2. Assign configuration (Z, E) and draw other stereoisomer.

   a. 
   
   b. See attached
2. (a) other stereoisomers

(b) In this case the $Z$ isomer can’t be drawn because ring is too small

3. Others
Answers

3. Draw all stereoisomers

(a) See attach

(b) No stereoisomers

4. Draw orbital diagrams and establish relationships between pairs of molecules

(a) Structural isomers

(b) Geometric isomers
Both are orbitally sane