1. How many stereocenters does the following have?

a. 2

b. 3

2. Assign R/S configuration to the following:

a. 

b. 

switch 1 & 4

change config

R

c. 

d. 

e. 

f. 

clas.sa.ucsb.edu/eric
3. Are the following enantiomers, diastereomers, identical, or constitutional isomers?

a. 

b. 

Identical (both R)

Constitutional isomers

c. 

Mirror images

Enantiomers

d. 

Diastereomers

e. 

Enantiomers