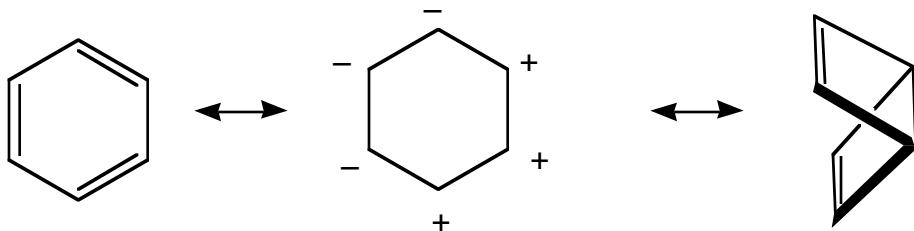


Answers to Problem 11, Chemistry 301X - 2006

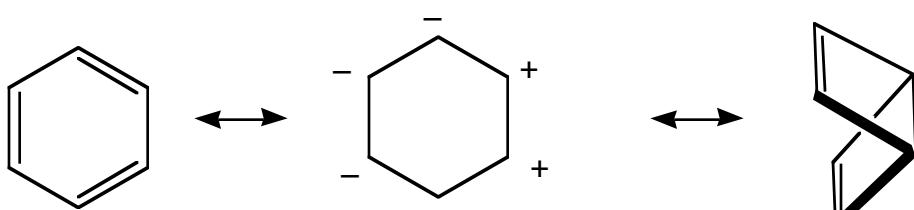
Are the following structures resonance forms of benzene?



??

??

sure, but it
wont contribute much



??

??

No - geometry is not the same.
This molecule might be in
equilibrium with benzene,
but it is not a resonance form