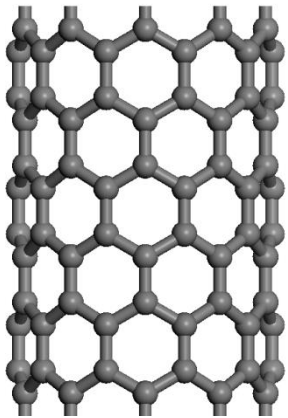
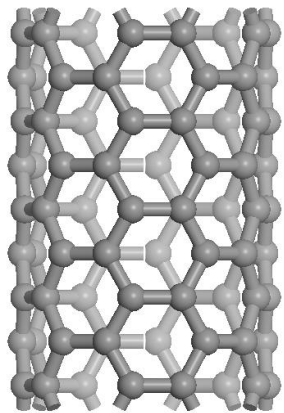


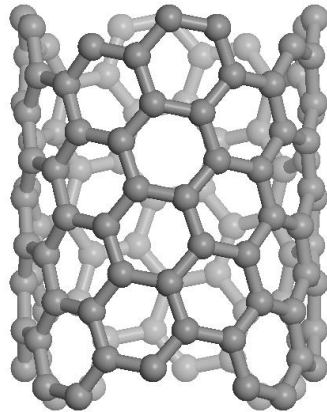
# Carbon Nanotubes



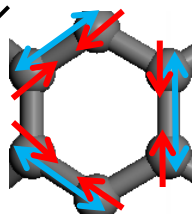
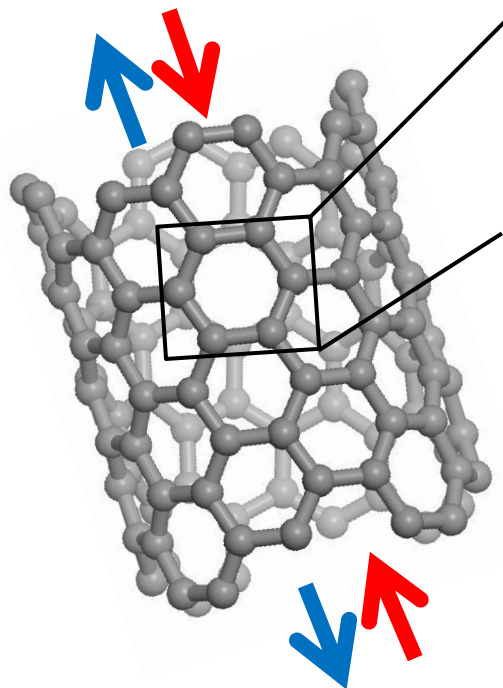
Zigzag CNTs



Armchair CNTs

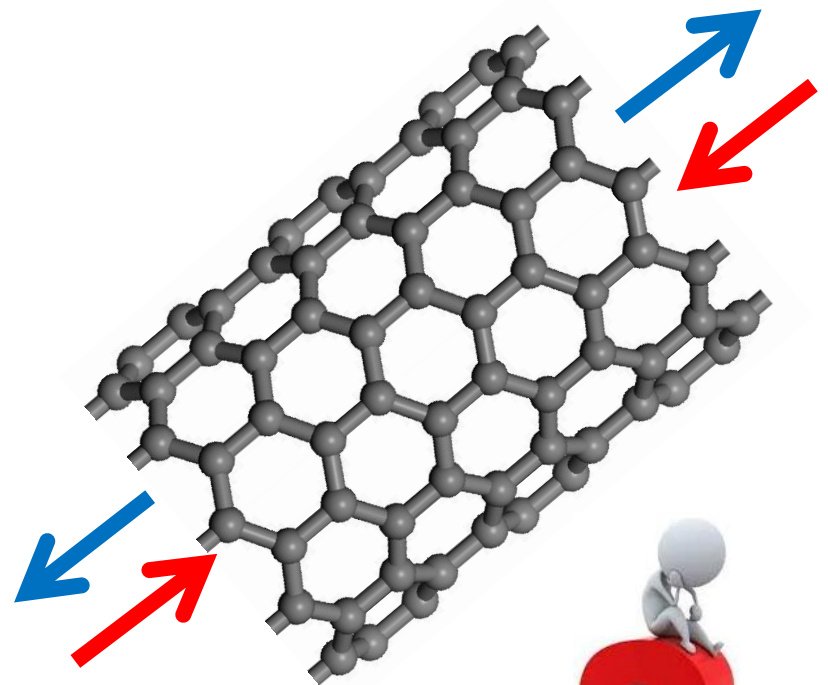


Chiral CNTs



Change  
bond length,  
lattice constant

Find **True!**  
Equilibrium  
Structure



**Metallic?**  
**Semiconducting?**

