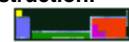


Revised August 2006



The World of Chemistry Video Series #9



Molecular Architecture

1. Graphite and Diamond are made of which element?
2. What is an isomer?
3. What shape does the methane molecule take?
4. What is meant by the term an unsaturated carbon?
5. What gas is added to soy bean oil to make margarine?
6. Which fats are *particularly* bad for us, **SATURATED** or **UNSATURATED**?
7. Which other fats are also now considered bad, **TRANS** or **CIS UNSATURATED** fats?
8. What does the word *chiral* mean in Greek?
9. Give an example of an optically active compound?
10. What gas does the process of fermentation produce?