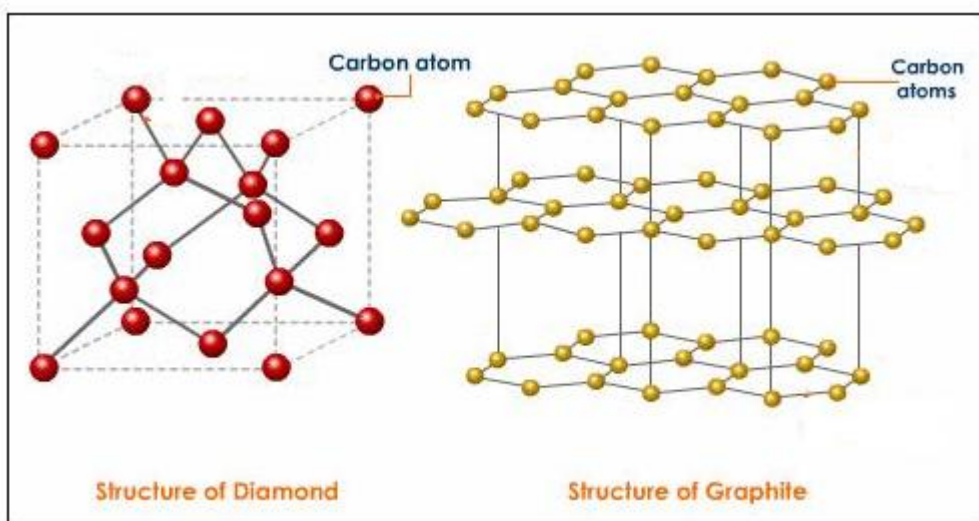


Matter and interactions 2

Graphite and diamond are both made out of carbon atoms. There are however significant differences between these two types of matter formed from carbon. Diamond is transparent, graphite is opaque for instance. Similarly, we can write with a graphite pencil on paper, but not with a "diamond pencil". Explain why the latter is the case to a non-scientific audience. Write a brief discussion that includes the concepts on interatomic and intermolecular forces.



<http://chemistry.tutorvista.com/organic-chemistry/carbon-compounds.html>