

Giant Covalent Substances.

Pre-lesson assignment- textbook page 103-4

Define the following terms

- Giant covalent lattice

Make notes on Giant covalent structures.

Use the following questions as guidance

1. Print out (or sketch) the structure of diamond, and state the bond angle of each carbon atom.
2. Give two other giant covalent substances.
3. Explain the properties of giant covalent structures:
 - a. Melting point
 - b. Solubility
 - c. Electrical conductivity, including graphite and graphene.