

Metallic Bonding

Pre-lesson assignment- textbook page 101-103

Define the following terms

- Metallic Bond
- delocalised

Make notes on enthalpy changes

Use the following questions as guidance

1. Describe the nature of a metallic bond in detail. A diagram may help with this.
2. State the properties of metals in general (with notable exceptions) and explain
 - a. Why metals conduct electricity.
 - b. Why metals have a range of different melting points.
 - c. Why many metals have high melting points.
 - d. Why metals are insoluble in water.