

Ionic Bonding

Pre-lesson assignment- textbook page 59-62

Define the following terms

- Ionic Bond
- Polar

Make notes on ionic bonding

Use the following questions as guidance

1. Revise the charges of common ions.
2. Draw dot and cross diagrams for
 - a. KF
 - b. MgCl_2
3. Sketch (or print out) a giant ionic lattice, and explain...
 - a. Why ionic compounds tend to have high melting points.
 - b. Why ionic compounds often dissolve in water.
 - c. Why ionic compounds conduct electricity in liquid or aqueous form, but not in solid form.