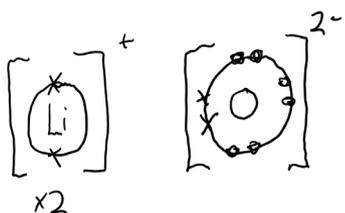


# IGCSE Ionic Bonding Review

1) Draw a dot cross diagram for (show outer shells only)

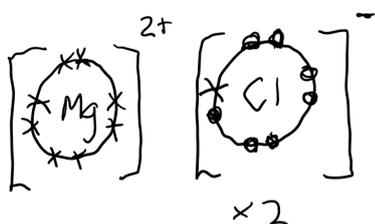
a. Lithium oxide

[2]



b. Magnesium chloride

[2]



2) Define an ionic bond

[2]

- Electrostatic attraction
- Between oppositely charged ions

3) Why do ionic compounds have high melting points?

[2]

- Have to break **STRONG** ionic **BONDS**
- Which needs a lot of **ENERGY**

4) Under what conditions would sodium chloride conduct electricity?

[2]

- Aqueous
- Molten/liquid