

4. Describe the process when a chlorine atom becomes an ion.

5. What is a valence electron and where is it found?

6. Describe the four steps involved in ionic bond formation.

7. Ions can be positive or negative. What is the charge on an ionic compound?

8. Describe ionic bonds. Do they tend to be strong or weak?

9. Do the melting points of ionic compounds tend to be high or low? What state would you expect an ionic compound to be at STP?

10. What ΔEN would you expect for an ionic bond?
