

Quiz 9.2 – Ionic Bonds

Name: Key

Problem 1 (2 points)

Draw the dot diagram for both the neutral atom and the most stable ion of each element:



Question 2 (2 points)

List the ionic compounds in order of increasing lattice energy

NaCl CaS MgO CaCl_2 KBr

KBr NaCl CaCl_2 CaS MgO

Question 3 (1 point)

Lattice energy is essentially equivalent to enthalpy of formation

True

False