

UNIT 4 EXTRA CREDIT

Some Polyatomic Ions and their Oxidation Numbers			
1+ ammonium(NH ₄)	1- acetate (C ₂ H ₃ O ₂) chlorate (ClO ₃) hydroxide (OH) nitrate (NO ₃) bicarbonate(HNO ₃)	2- carbonate (CO ₃) sulfate (SO ₄)	3- phosphate (PO ₄)

2 points each	Symbols & Oxidation #	Formula	Name of Compound
1. Sodium and carbonate			
2. Potassium and chlorate			
3. Ammonium and hydroxide			
4. Potassium and phosphorus			
5. Aluminum and bromine			

1 point each

The two answers must be in the right order.

6. An ionic compound is the result of the bonding of a (*non-metal, metal, metalloid, noble gas*) with a (*non-metal, metalloid, metal*).
7. An ion is an atom or group of atoms that has become electrically _____
8. The sum of the charges for an ionic compound is _____.
9. Ionic compounds are electrically (*charged, positive, neutral, or negative*).