

UNIT 4 EXTRA CREDIT

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

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