

Name:

Bonding basics – Ionic bonds

Complete the chart for each element

Element	No. of protons	No. of electrons	No. of outer electrons	Oxidation number
Sodium				
Chlorine				
Beryllium				
Fluorine				
Lithium				
Oxygen				
Phosphorus				

Draw dot and cross diagrams to complete each ionic bond

(1) Potassium + Fluorine

(2) Magnesium + Iodine

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(3) Sodium + Oxygen

(4) Sodium + Chlorine

(5) Calcium + Chlorine

(6) Aluminium + Chlorine