Naming Ionic Compounds

What are the structural units that make up ionic compounds and how are they named?

7hy?

Then working in chemistry, it is often convenient to write a chemical in symbols. For example we mit rite down the substance table salt as NaCl. In talking about chemistry however, it is a bit tacky to sa n-ay see-ell" when we want to refer to a substance. Also, in formal writing we should use the name of e compound rather than its symbols. Therefore we need to learn how to say the proper names of ior bstances.

lodel 1 - Ion Charges for Selected Elements

Li.	Be2.	O'Compound Names ()					Tim Y	N3-	O ² -	F)-
Na [*]	Mg ²	Transition elements				Al3+		Р3-	S2-	Cl1-
K.	Ca2+	Fe ² ·	Ni ² ·	Cu* Cu²*	Zn ²⁺			L.Q.		Br3-
Rb.	Sr2+			Ag ¹			Sn ²⁺ Sn ⁴⁺	(0)		I ¹ -
	Ba2+	-			Hg ₂ ² Hg ²		Pb ²⁺ Pb ⁴⁺	-		

- 1. Based on the information in Model 1:
 - a. Identify three elements that form only one cation?
 - b. Identify three elements that form only one anion

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