

1. For the following write the empirical formula and draw the Lewis dot structure.

a. Sodium bromide

b. potassium sulfide

c. Calcium phosphide

d. aluminum oxide

e. magnesium iodide

f. lithium nitride

g. barium sulfide

h. aluminum phosphide

2. Name the following binary ionic compounds.

a. K_3N

b. CaO

c. Li_2S

d. $BaCl_2$

e. Sr_3N_2

f. Na_3P

g. MgO

h. CaS

i. $MgBr_2$

j. Li_2S

k. $CaCl_2$

l. SrO