

Chem-Practice



Name:

Period:

1. Provide the lewis dot structures of all of the following:

a) Ca

e) C

i) O

b) Ca^{2+}

f) B

j) O^{2-}

c) F

g) Be

k) Ne

d) F^-

h) Si

l) N

2. Determine the *difference* in electronegativity and label each of the following as to whether they are covalent (true covalent), polar covalent or ionic

a) CO_2

c) O_2

e) NaCl

b) N_2

d) H_2O

f) MgO

3. Draw a plausible Lewis Dot Structure of the following:

a) N_2

d) H_2O

b) CO_2

e) NaCl

c) O_2

f) MgO
