

4

Chemistry**Homework: Covalent Compounds**

1. Draw Lewis dot symbols for these elements:

S

I

N

Si

Ca

Ne

a. Arrange them in order of their group numbers on the periodic table

b. Determine how many covalent bonds each would make

2. Complete the following table:

Compound	Lewis dot structure	Structural formula
TeCl ₂		
HI		
AsBr ₃		
SiF ₄		
F ₂		

