Name:					Period:
4 Cher Homew	nistry vork: Covalent	Compounds			
1. Draw Lewis	s dot symbols f	or these elements:	:		
S	I	N	Si	Ca	Ne
a. 1	Arrange them is	n order of their gr	oup numbers on th	ne periodic table	
b. I	Determine how	many covalent be	onds each would n	nake	
2. Complete th	e following tab	le:			
Compound	d	Lewis dot structure		Structural formula	
TeCl ₂					
НІ					
AsBr ₃					
SiF ₄					
F ₂					

Name:	Period:
	How many lone pairs do each of the atoms in HI have above?
4.	Explain why nitrogen bonds with hydrogen to form NH_3 , but not NH_2 or NH_4 . Use Lewis dot structures to support your answer.