

CHM 1142

Homework Set 1

TUD Department of Chemistry

Fall 2017

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1) Fill in the name or formula as appropriate:

lithium sulfide _____

Na_3P _____

boron trichloride _____

SrF_2 _____

NH_3 _____

SO_3 _____

N_2O_4 _____

sulfur hexafluoride _____

SiCl_4 _____

AlCl_3 _____

2) Fill in the blanks

	# of protons	# of neutrons	# of electrons	charge
Fe-55				0
	24	27		+3
$^{19}\text{F}^{1-}$				
??-15	7		7	