Bonds- Ionic OR Covalent : **Name:** _____

Determine whether the following compounds are Ionic OR Covalent. Then complete the missing information.

Formula	Ionic OR Covalent	Name
$P_4 S_5$		
		Carbon tetrahydride
$S_3 I_2$		
		Phosphorus triiodide
$S_3 F_6$		
_____F_3		Nitrogen _____
B_2_____		Diboron monosilicide
____F__		Iodine pentafluoride
H____$_3$		_____ _____iodide
____O		Calcium _____
		Beryllium nitride
Sb_2O_5		
		Tricarbon hexabromide
		Trisulfur dinitride
TeF__		Tellurium hexafluoride

1. **Octasulfur hexoxide:** How many atoms of sulfur? _____ of Oxygen? _____
2. **Iodine pentafluoride:** How many atoms of iodine? _____ of Fluoride? _____
3. **Tetraphosphorus decasulfide:** How many atoms of Phosphorus? _____ of Sulfur? _____
4. **Nitrogen triboride:** How many atoms of Nitrogen? _____ of Boron? _____

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