Name:					]	Date:		Perio	d:	Seat #:		
☐ Ref	erring to	your elec	etro-negat	ivity wo	rksheet, c	onsider th	ne molecu	ıle BF <sub>3</sub> .				
The	B-F bon	d is class	ified as _			(Ionic/Polar-Covalent/Non-Polar Covalent)						
	(I	f applicab	le, correct	ly place t	he symbols	$s \delta + and \delta$	- in the m	olecule)				
					F— B       	— F						
☐ Bas	sed on VS	SEPR the	ory, what	shape w	ould you		the mole	cule, BF <sub>3</sub>	?			
	The molecule, BF <sub>3</sub> , is (polar/non-polar)  Explain the reasoning for your answer:											
		_	-		culate the					using the	bond	
				$N_2$	+ ]	$H_2 \longrightarrow$	NH	3				
This reaction is (endothermic/exothermic).												
т	able 9.	9 • Sor	ne Ave	rage S	ingle- a	nd Mul	tiple-B	ond En	ergies	(kJ/mc	ol)	
Н	Н <b>436</b>	C <b>413</b>	N <b>391</b>	O 463	F <b>565</b>	Si <b>318</b>	P <b>322</b>	S <b>347</b>	Cl <b>432</b>	Br <b>366</b>	I <b>299</b>	
			Mu	ıltiple	Bonds		N 945					