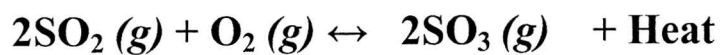


Name Answer Key Hour _____

APPLYING LE CHATELIER



D = Decrease

I = Increase

Stress	Shift	SO ₂	O ₂	SO ₃
1. Add SO ₂	→	X	D	I
2. Add O ₂	→	D	X	I
3. Add SO ₃	←	I	I	X
4. Remove SO ₂	←	X	I	D
5. Remove O ₂	←	I	X	D
6. Remove SO ₃	→	D	D	X
7. Increase Temperature	←	I	I	D
8. Decrease Temperature	→	D	D	I
9. Increase Pressure	→	D	D	I
10. Decrease Pressure	←	I	I	D



Stress	Shift	PCl_5	PCl_3	Cl_2
1. Add PCl_5	→	X	I	I
2. Add PCl_3	←	I	X	D
3. Add Cl_2	←	I	D	X
4. Remove PCl_5	←	X	D	D
5. Remove PCl_3	→	D	X	I
6. Remove Cl_2	→	D	I	X
7. Increase Temperature	→	D	I	I
8. Decrease Temperature	←	I	D	D
9. Increase Pressure	←	I	D	D
10. Decrease Pressure	→	D	I	I