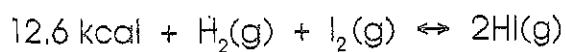


LE CHATELIER'S PRINCIPLE CONTINUED

Name _____

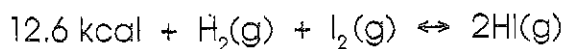


| Stress | Equilibrium Shift | [H ₂] | [I ₂] | [HI] | K |
|--------------------------|-------------------|-------------------|-------------------|-----------|------------------|
| 1. Add H ₂ | right | _____ | decreases | increases | remains the same |
| 2. Add I ₂ | | | _____ | | |
| 3. Add HI | | | | _____ | |
| 4. Remove H ₂ | | _____ | | | |
| 5. Remove I ₂ | | | _____ | | |
| 6. Remove HI | | | | _____ | |
| 7. Increase Temperature | | | | | |
| 8. Decrease Temperature | | | | | |
| 9. Increase Pressure | | | | | |
| 10. Decrease Pressure | | | | | |

LE CHATELIER'S PRINCIPLE CONTINUED

Name _____

KEY



| Stress | Equilibrium Shift | [H ₂] | [I ₂] | [HI] | K |
|--------------------------|-------------------|-------------------|-------------------|-----------|------------------|
| 1. Add H ₂ | right | — | decreases | increases | remains the same |
| 2. Add I ₂ | R | Decrease | — | increase | same |
| 3. Add HI | L | Increase | increase | — | same |
| 4. Remove H ₂ | L | — | increase | decrease | same |
| 5. Remove I ₂ | L | Increase | — | decrease | same |
| 6. Remove HI | R | Decrease | decrease | — | same |
| 7. Increase Temperature | R | Decrease | decrease | increase | increase |
| 8. Decrease Temperature | L | Increase | increase | decrease | decrease |
| 9. Increase Pressure | none | same | same | same | same |
| 10. Decrease Pressure | none | same | same | same | same |