## Summary

- Heat is FLOW of energy
  - ☐ Flow of energy may increase temperature
- Specific Heat
  - $\Box \Delta T = Q / (c m)$
  - $\square$  Monatomic IDEAL Gas  $C_V = 3/2 R$
  - $\Box$  Diatomic IDEAL Gas  $C_V = 5/2 R$
- CLatent Heat
  - □ heat associated with change in phase