

# things to get

- $Q = mc\Delta T = sm\Delta T$
- T conversions
- spdf
- *e- configurations*
- ionization energy
- ionic v covalent
- STP
- *VSEPR*
- heating curve
- PT and properties
- Lewis
- $\text{pH} = -\log[\text{H}^+]$
- *all gas laws*
- molarity and molality
- intermolecular forces
- acid/bases
- atom sizes and electronegativity
- *equilibrium and K*
- very few ch 8/9 things