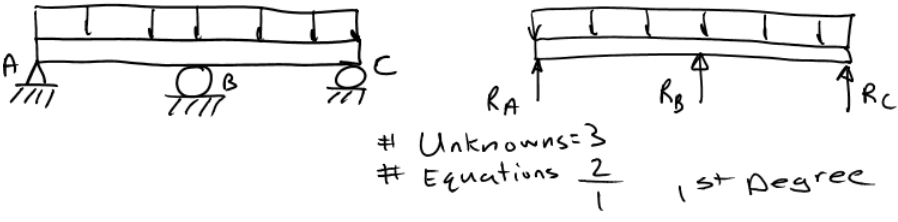
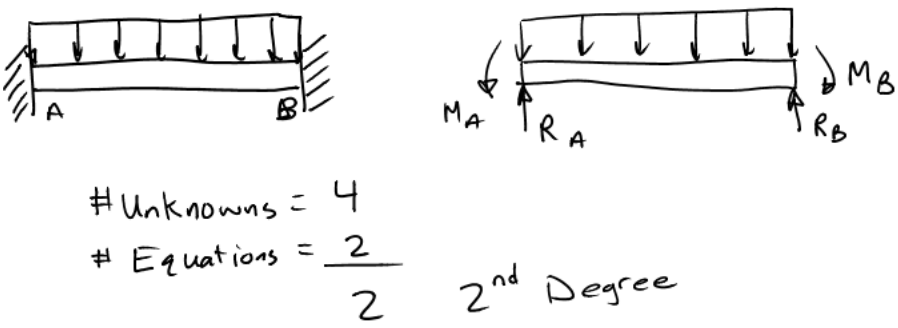
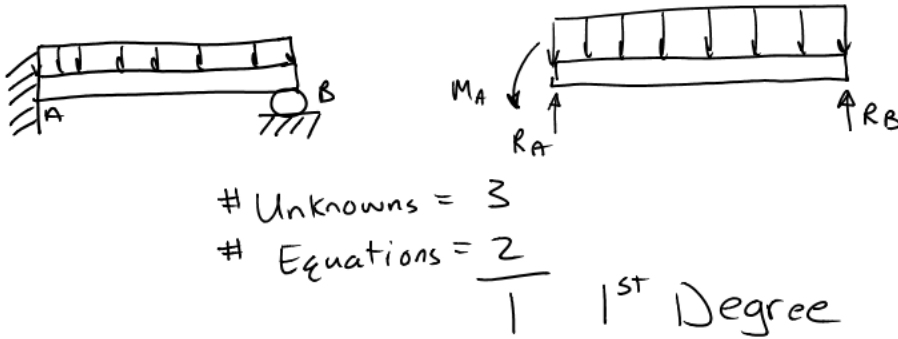


ENGR 2243 – Mechanics of Materials
Statically Indeterminate Beams

Statically Indeterminate Beams

- Support reactions can't be determined using equilibrium alone
- Degree of Static Indeterminacy: Number of reactions in excess of the number of the equilibrium equations



- Can't solve for the support reactions using equilibrium alone
- For each additional support reaction, an additional boundary condition exists