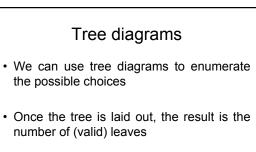


When the product rule is difficult to apply

- President, treasurer and secretary are to be chosen among A, B, C, D. A can not be president and either C or D must be secretary.
- Naïve application of the product rule:
 - President: 3
 - Treasurer: 3
 - Secretary: 2
 - Total = 18



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