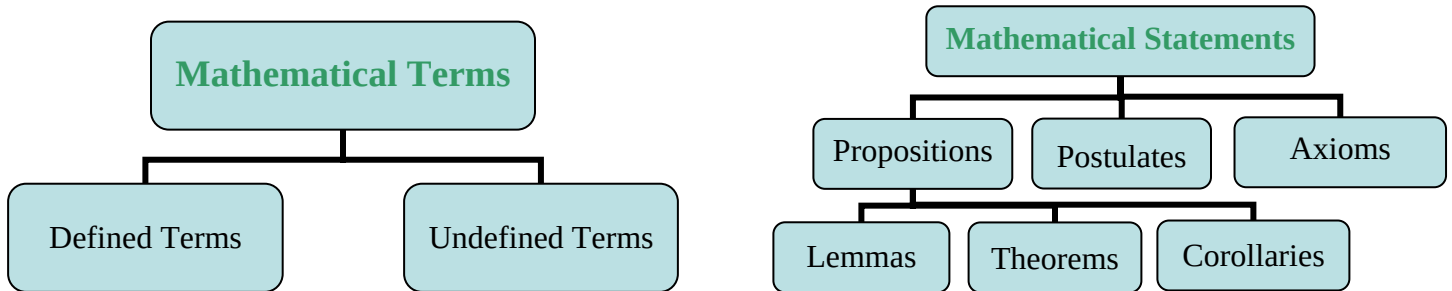
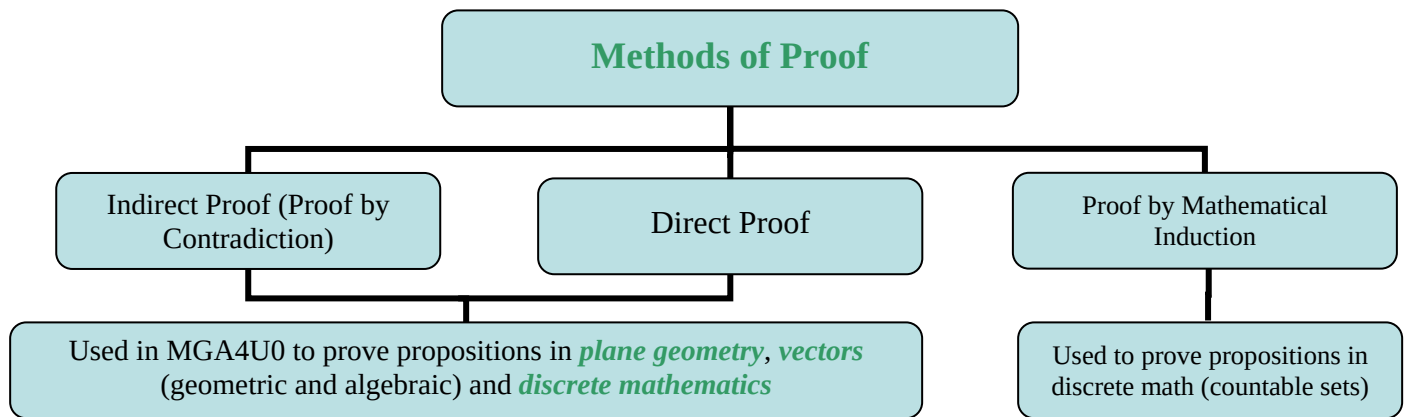


OVERVIEW OF MOST IMPORTANT IDEAS IN MGA4U0

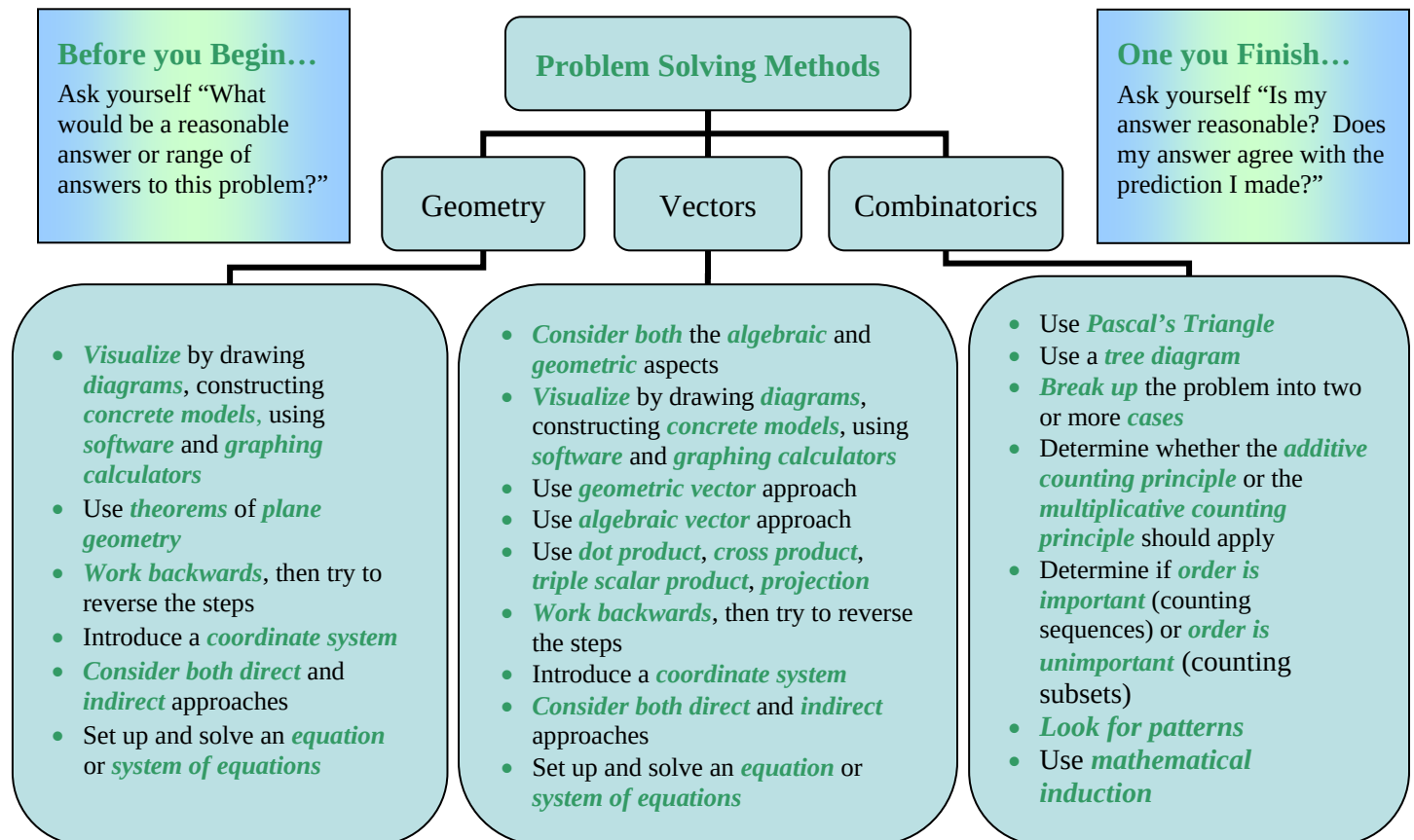
Terminology of Mathematical Theory



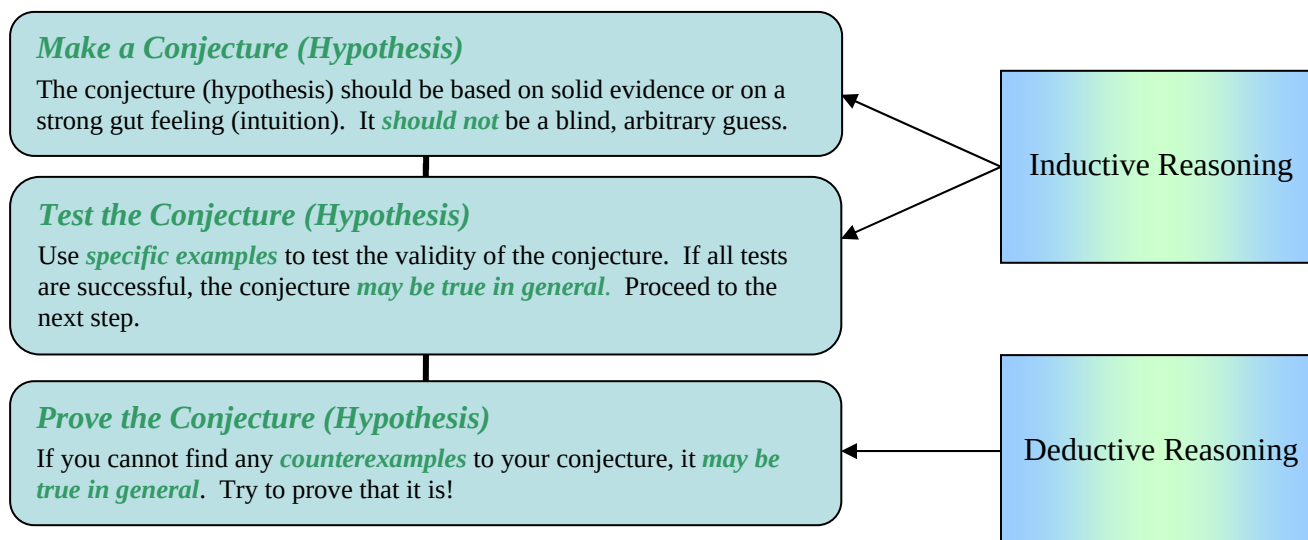
Methods of Proof



Problem Solving Methods



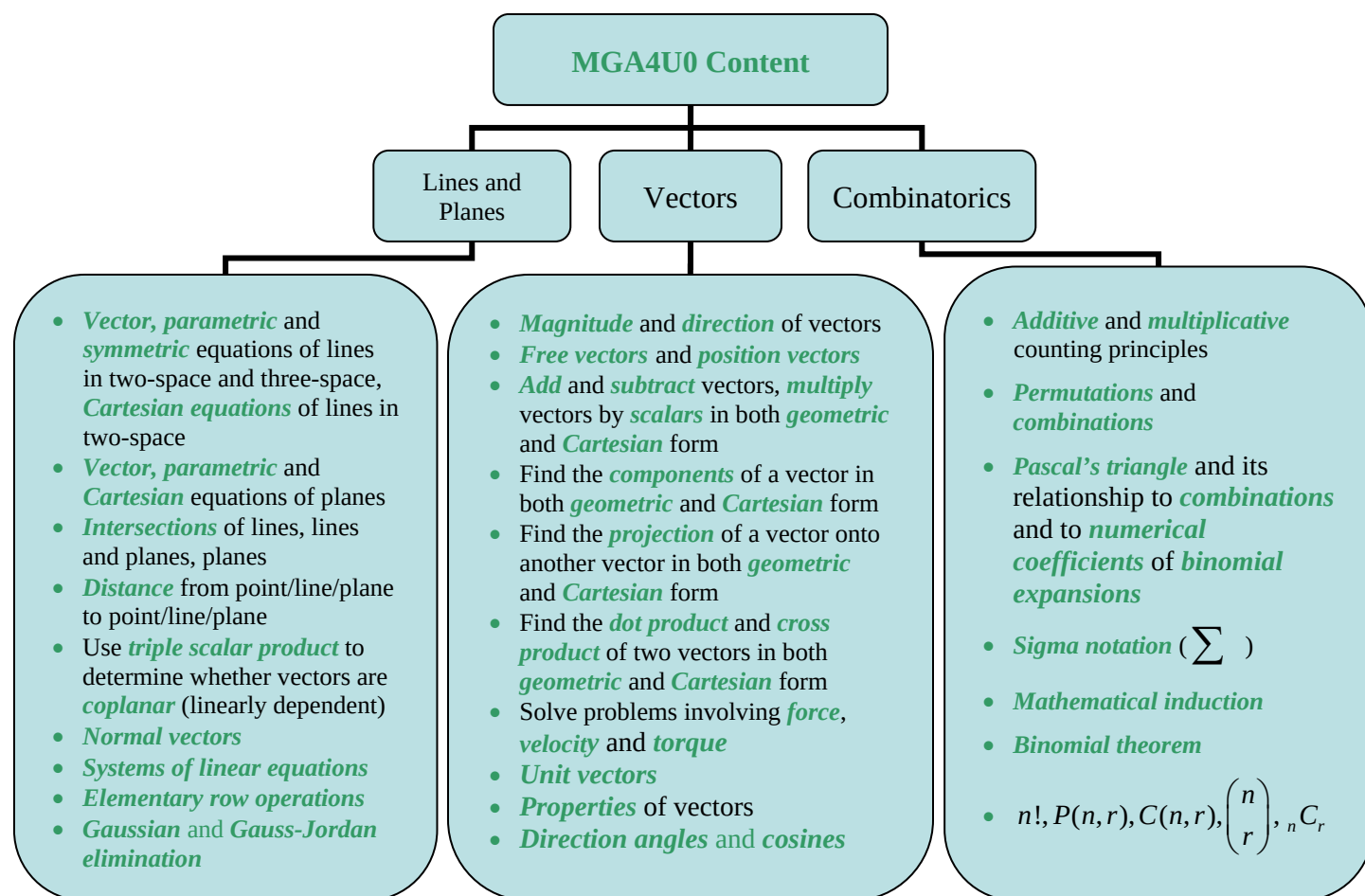
Mathematical Discovery Process



Deductive Proof Terminology

- **Proposition**
- **Converse** of a proposition
- “**if ... then**” proposition (**conditional**)
- “**if and only if**” proposition (**biconditional**)
- **Counterexample** of a proposition

MGA4U0 Mathematical Content



Additional Notes