

# Proof Recipe Card

**Theorem:**

**Hypotheses:** *What do I know? Write explicitly in terms of formal definitions.*

**Conclusion:** *What do I want to show? Write explicitly in terms of formal definitions*

**Proof Method:**

**Proof Ingredients:** *What theorems, standard proof techniques, axioms, etc. may be helpful?*

**Proof Sketch/Discussion:**

**Narrative Proof:** *Use complete sentences, balance words and mathematical notation.*