Additional Forms of Proof (1.3)

• Proving Equivalences About Sets

· · · · · · · · · · · · · · · · · · ·	
sets are the same if	

To prove two sets are the same:

•

•

Example.

• The Contrapositive

• Proof by Contradiction
How they are done.
Example.

• Counterexamples
A counterexample is