

Here is an example of a step 6 quiz. The shortest proof I know is 11 steps. Remember, most important is that your steps are correct applications of the rules. Correct steps, even if incomplete in terms of solving the proof, will be generously rewarded. Incorrect steps (incorrect applications of the rules) will result in a low grade. See how many correct steps you can do in 30 minutes.

Step 6 Quiz: Construct a formal proof (11 steps or longer).

1. $A \supset (B \equiv C)$

2. A

3. $(C \supset B) \supset (\sim Z \supset \sim A)$

4. $Z \supset \sim(X \bullet Y) \quad \therefore X \supset \sim Y$