

This miniproject asks you to determine whether or not an argument is valid, and to justify that determination.

Do #34 in Section 1.5. Make sure that you do each of the following steps for each part.

- (i) State the problem symbolically.
- (ii) State whether the logic is valid or not.
- (iii) If the reasoning is valid, show the sequence of steps using the rules of inference (that is, prove it). If the reasoning is not valid, explain why.