

This miniproject asks you to justify several standard rules of inference that will later help you in proving more complicated and specific propositions.

Do the following problems.

- (a) #25 in Section 1.5 (universal modus tollens)
- (b) #26 in Section 1.5 (universal transitivity)
- (c) #27 in Section 1.5
- (d) #28 in Section 1.5
- (e) #29 in Section 1.5