

Here are some more simple practice derivations. Do not use any theorems:

1. From $\Gamma \vdash p$ to $\Gamma \vdash q \supset p$ (Hint: you can add anything you want to the datum of a sequent).

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2. From $\Gamma \vdash r$ and $\Delta \vdash \neg r$ to $\Gamma, \Delta \vdash s$ (Hint: you can add anything you want to the datum of a sequent).

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3. From $\Gamma \vdash s$ to $\Gamma \vdash \neg\neg s$ (Hint: assume $\neg s$).

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4. From $\Gamma \vdash \neg\neg p \supset q$ to $\Gamma \vdash p \supset q$ (Hint: part of the derivation adapts the previous one).

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