





Valid Arguments, Continued (Review)
A more algorithmic view — apply "derivation rules" to construct a "proof sequence".
Idea is that we have a list of wffs that we know are true any time all the hypotheses (P<sub>1</sub>, P<sub>2</sub>, ... P<sub>n</sub>) are true. Then we proceed thus:
Initialize this list to include just P<sub>1</sub>, P<sub>2</sub>, ... P<sub>n</sub>.
If conclusion Q is on the list, stop.
Apply a derivation rule to one or more wffs in the list, producing a new wff X. Add X to the list.
Go to step ??.

Slide 4

Slide 3











Slide 9

