KC

Modus Panens P - 4 P4	Elimination  a pro b pro no
Modus Tollers  P - 4  ~ 6  ~ P	Transitivity  P - q  3 - r  : P - r
Generalization  a p 6 4  i p 4  specialization  a p 1 4 6 p 1 4  i p 4  Conjunction  p 4  i p 1 4	Proof by Cases  Proof by Contradiction  Proof by Contradiction  Proof by Contradiction