

Theorem Introduction

Language and Logic

Classwork 6

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1. Warm up.
 $P \rightarrow Q, Q \rightarrow Z : P \rightarrow Z$
2. Excluded middle (You'll need this for the homework)
 $: P \vee \neg P$
3. Theorem Introduction
 $P \rightarrow Q, \neg P \rightarrow Q : Q$
4. not P and not P
 $: \neg(P \wedge \neg P)$