

Math 300 Intro Math Reasoning
Worksheet 9: Equinumerability

- (1) Prove that $P(\mathbb{N} \times \mathbb{Z}) \sim^{\mathbb{N}} \{0, 1\}$
- (2) Suppose that $A \sim A'$ and $B \sim B'$. Prove that $A \times B \sim A' \times B'$