PREPARED BY: DATE: PROJECT TITLE: A= {-1,0,13 B= {-1,0,1,2} Define f: A > B by f(x) = x2 Vx EA f(-1) = f(1), but -1 # 1 Not surjection: Take 2 (2 ∈ B)  $x \in A \Rightarrow f(x) = 2$ Hence, & is not a surjection

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