Proof For Feedback

Katherine Stange, CU Boulder, MATH 2001

Please write your best written proof of the following theorem. You will be graded on logic as well as writing.

Theorem 1. *Let $f : \mathbb{Z} \to \{7x : x \in \mathbb{Z}\}$ be given by the function $f(x) = 7(x + 1)$. Prove that f is bijective.*