

Individual 6

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Introduction to Proof and Problem Solving

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Problem 12. Show the function f mapping \mathbb{Z} into $S = \mathbb{Z}$ is one-to-one or find two integers n_1 and n_2 such that $n_1 \neq n_2$ but $f(n_1) = f(n_2)$, where

Proof. We will prove something...

□

While working on this proof, I received no external assistance aside from advice from Professor Mehmetaj.