Math 8 - Quiz 4

Name:
Section:

Problem 1. Let X, Y, and Z be sets. Show that if $X \subset Y$ and $Y \subset Z$, then $X \subset Z$.

Problem 2. Let A and B be sets and suppose that $A \subset B$. Prove that $\mathcal{P}(A) \subset \mathcal{P}(B)$.