

Definition 1. Let A be a class. A *subset of A* is a subclass of A that is a set. Let a *superset of A* stand for a superclass of A that is a set. Let a *proper subset of A* stand for a proper subclass of A that is a set. Let a *proper superset of A* stand for a proper superclass of A that is a set.

Definition 2. Let A be a class. $\mathcal{P}(A)$ is $\{x \mid x \text{ is a subset of } A\}$. Let the *powerclass of A* stand for $\mathcal{P}(A)$.