

INFO I201
Quiz 7

Name:

- Find the set $\mathcal{P}(\mathcal{P}(\emptyset))$.
- Let A , B , and C be sets. Show that if $A \subseteq B$ and $B \subseteq C$, then $A \subseteq A \cap C$.
- Can $\{a, \{a\}, \{b\}, b, \{a, \{b\}\}\}$ be the power set of any set A ? If yes, give an example for such a set A , if no, explain why.