(a) $A \cap B \subseteq A \subseteq A \cup B$;

(b) si $A \subseteq C$ y $B \subseteq D$, entonces

  - $A \cap B \subseteq C \cap D$,
  - $A \cup B \subseteq C \cup D$;

(c) $(A \subseteq C) \wedge (B \subseteq C) \iff A \cup B \subseteq C$.