

SOLUTIONS FOR QUIZ 1

Suppose $A = \{\emptyset, 1, 3, 7\}$, $B = \{3, 1, 7, a\}$, $C = \{1, 3, 7, 25, 26, a, c\}$, and $D = \{a, b, 8\}$.

(a) Is it true that $A \subseteq C$?

NO: $\emptyset \in A$, but $\emptyset \notin C$.

(b) Is it true that $B \subseteq C$?

YES: Any element of B is also an element of C .

(c) Find $D - B$.

$$D - B = \{b, 8\}$$

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