1 323 Homework 8 Question 5

Let $A = \{-2, 0, 3, 4, \}$, $B = \{0, 1, 2, 3, 4, 5\}$, $C = \{0, 6, 7\}$ and $D = \{8, 9\}$
Then:
$A \cap B = \{0, 3, 4\}$
$A \cup B \cup C = \{-2, 0, 1, 2, 3, 4, 5, 6, 7\}$
$A \cap C = \{0\}$
$A \cap D = \emptyset$