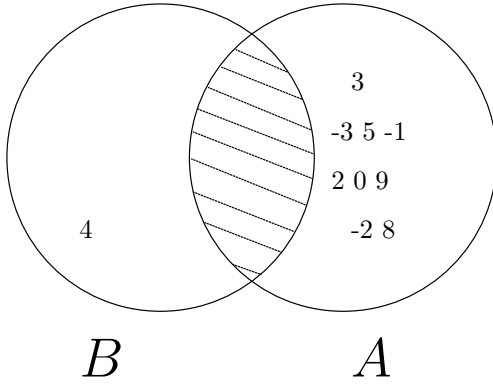
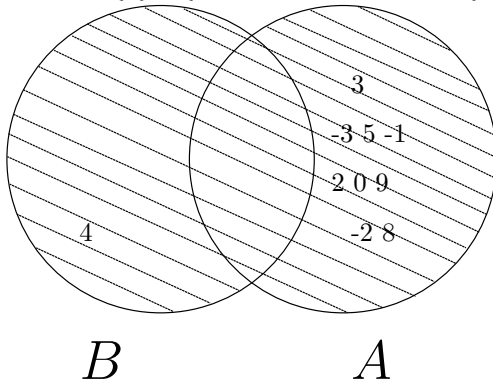


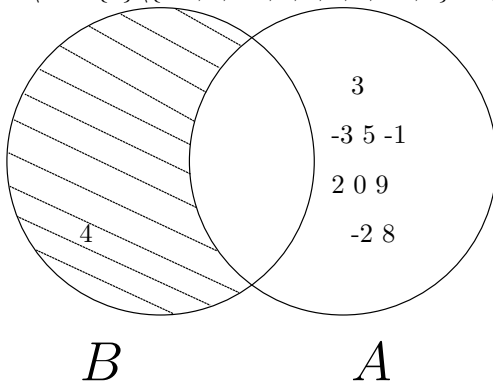
1. (1)  $B \cap A = \{4\} \cap \{-3, 3, -1, 5, 2, 0, 9, -2, 8\} = \emptyset$



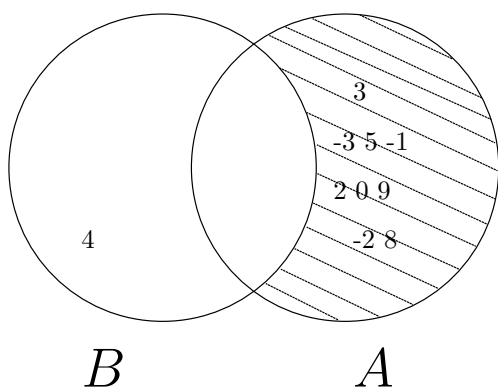
(2)  $B \cup A = \{4\} \cup \{-3, 3, -1, 5, 2, 0, 9, -2, 8\} = \{3, -3, 5, -1, 2, 0, 9, 4, -2, 8\}$



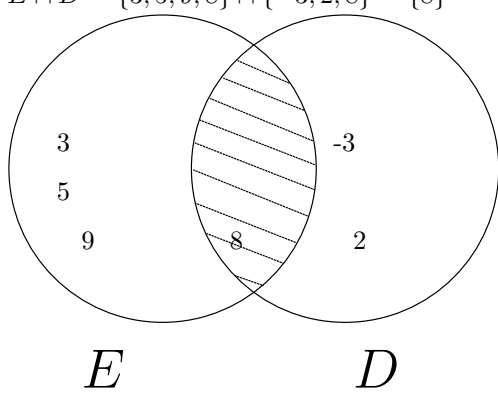
(3)  $B \setminus A = \{4\} \setminus \{-3, 3, -1, 5, 2, 0, 9, -2, 8\} = \{4\}$



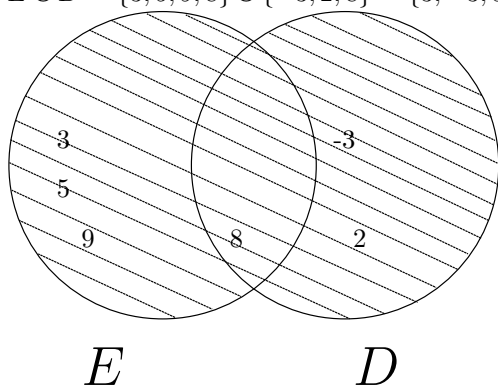
(4)  $A \setminus B = \{-3, 3, -1, 5, 2, 0, 9, -2, 8\} \setminus \{4\} = \{-3, 3, -1, 5, 2, 0, 9, -2, 8\}$



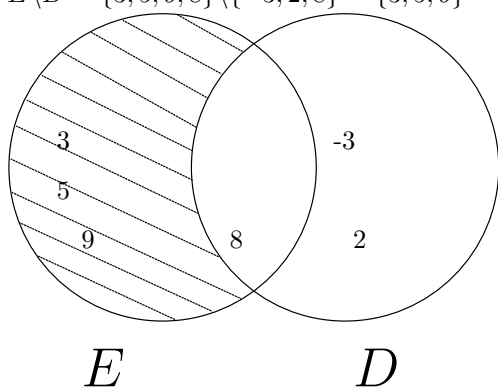
2. (1)  $E \cap D = \{3, 5, 9, 8\} \cap \{-3, 2, 8\} = \{8\}$



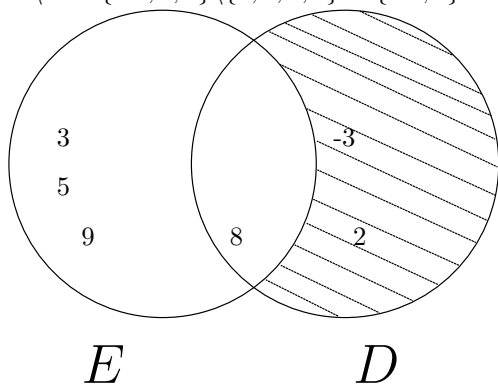
(2)  $E \cup D = \{3, 5, 9, 8\} \cup \{-3, 2, 8\} = \{3, -3, 5, 2, 9, 8\}$



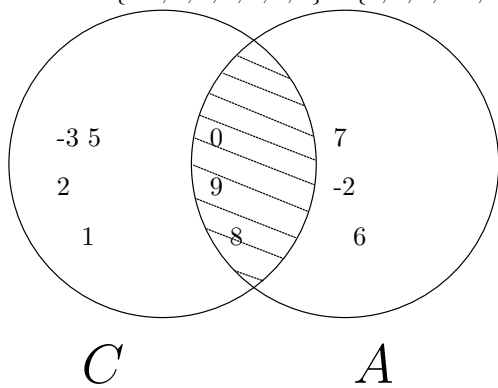
(3)  $E \setminus D = \{3, 5, 9, 8\} \setminus \{-3, 2, 8\} = \{3, 5, 9\}$



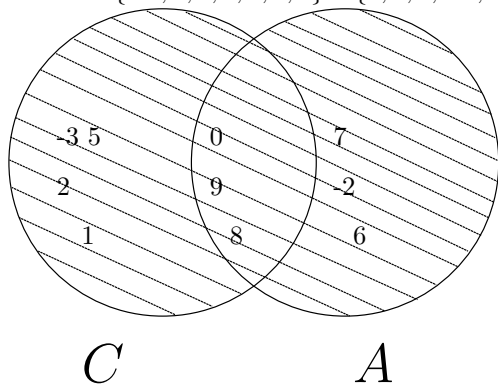
(4)  $D \setminus E = \{-3, 2, 8\} \setminus \{3, 5, 9, 8\} = \{-3, 2\}$



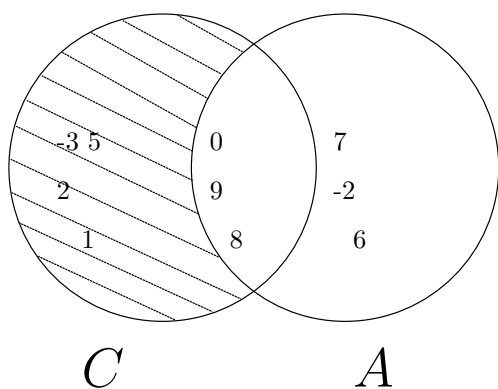
3. (1)  $C \cap A = \{-3, 5, 2, 0, 9, 8, 1\} \cap \{7, 0, 9, -2, 8, 6\} = \{0, 9, 8\}$



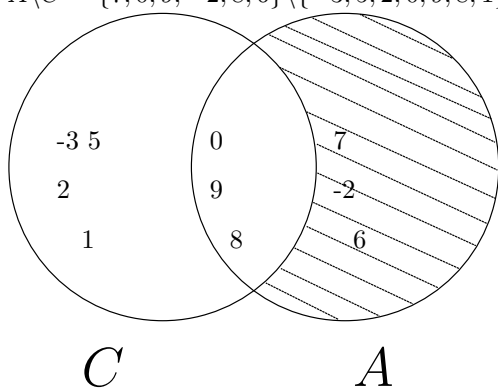
(2)  $C \cup A = \{-3, 5, 2, 0, 9, 8, 1\} \cup \{7, 0, 9, -2, 8, 6\} = \{-3, 5, 7, 2, 0, 9, -2, 8, 1, 6\}$



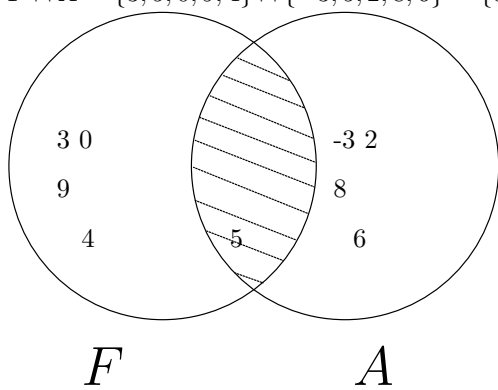
(3)  $C \setminus A = \{-3, 5, 2, 0, 9, 8, 1\} \setminus \{7, 0, 9, -2, 8, 6\} = \{-3, 5, 2, 1\}$



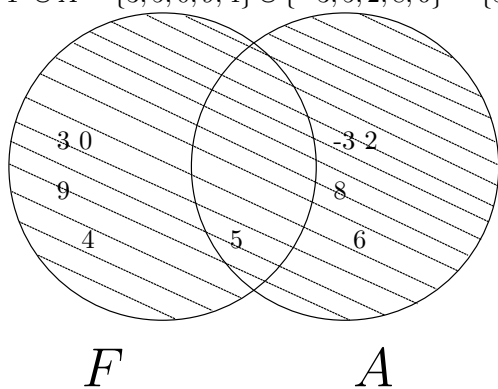
(4)  $A \setminus C = \{7, 0, 9, -2, 8, 6\} \setminus \{-3, 5, 2, 0, 9, 8, 1\} = \{7, -2, 6\}$



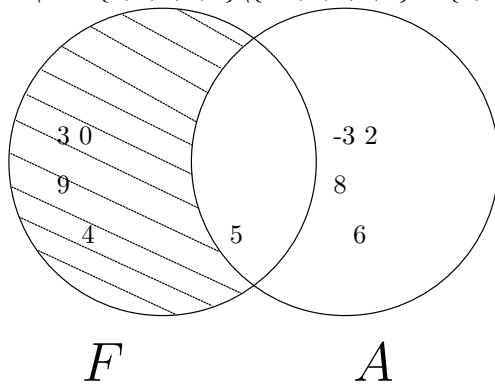
4. (1)  $F \cap A = \{3, 5, 0, 9, 4\} \cap \{-3, 5, 2, 8, 6\} = \{5\}$



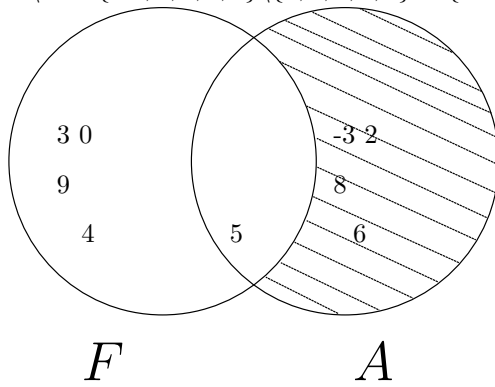
(2)  $F \cup A = \{3, 5, 0, 9, 4\} \cup \{-3, 5, 2, 8, 6\} = \{3, -3, 5, 2, 0, 9, 4, 8, 6\}$



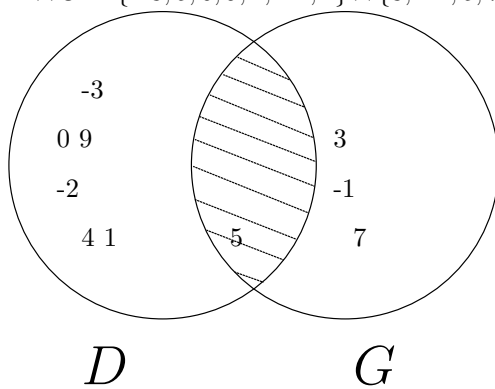
(3)  $F \setminus A = \{3, 5, 0, 9, 4\} \setminus \{-3, 5, 2, 8, 6\} = \{3, 0, 9, 4\}$



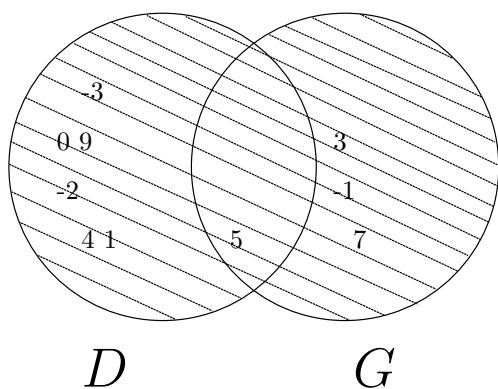
(4)  $A \setminus F = \{-3, 5, 2, 8, 6\} \setminus \{3, 5, 0, 9, 4\} = \{-3, 2, 8, 6\}$



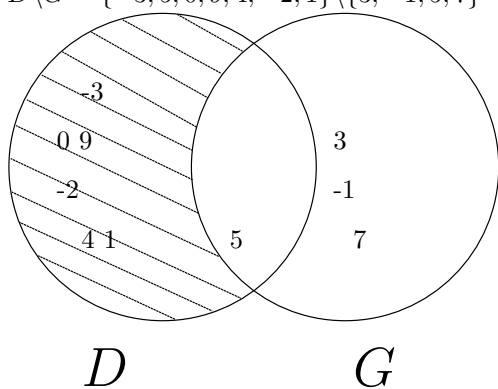
5. (1)  $D \cap G = \{-3, 5, 0, 9, 4, -2, 1\} \cap \{3, -1, 5, 7\} = \{5\}$



(2)  $D \cup G = \{-3, 5, 0, 9, 4, -2, 1\} \cup \{3, -1, 5, 7\} = \{-3, 3, 5, -1, 7, 0, 9, 4, -2, 1\}$



(3)  $D \setminus G = \{-3, 5, 0, 9, 4, -2, 1\} \setminus \{3, -1, 5, 7\} = \{-3, 0, 9, 4, -2, 1\}$



(4)  $G \setminus D = \{3, -1, 5, 7\} \setminus \{-3, 5, 0, 9, 4, -2, 1\} = \{3, -1, 7\}$

