Perform the below mention boolean algebraic operation for the given set of elements.

1) \( A \cup B \)
   
   i) \( A' - (A' - B) = \) 
   
   ii) \( (A - B)' \cup (A' \cup B)' = \) 
   
   iii) \( (A \cap B)' \cup (A' \cap B') = \) 

2) \( A \cup B \)
   
   - Blue
   - Black
   - Green
   - Red
   - Yellow
   - Violet

3) \( A \cup B \)
   
   - 11
   - 3
   - 7
   - 2
   - 1
   - 14
   - 67
   - 28
   - 23
   - 12
   - 38
   - 6

4) \( A \cup B \)
   
   - Orange
   - A
   - B
   - U
   - Banana
   - Apple
   - Peach
   - Kiwi
   - Grapes
   - Pear

   i) \( (A' \cup B') \cap B' = \) 
   
   ii) \( (A - B')' - (A' \cap B') = \) 
   
   iii) \( (A \cup B) - B = \)
Perform the below mention boolean algebraic operation for the given set of elements.

1) \[ A' - (A' - B) = \{e, i, j, n, y\} \]

2) \[ (A - B)' U (A' U B)' = \{a, b, d, e, f, i, j, m, n, o, p, r, s, t, v, x, y, z\} \]

3) \[ (A \cap B)' U (A' \cap B') = \{b, d, e, f, i, j, m, n, o, p, r, x, y, z\} \]

4) \[ (A' U B') \cap B' = \{\text{Apple, Banana, Orange}\} \]

\[ (A - B')' - (A' \cap B') = \{\text{Apple, Banana, Grapes, Pear}\} \]

\[ (A U B) - B = \{\text{Apple, Banana}\} \]