

$$3. \quad (\text{a}) \quad A \cup B - (A \cap C) - (A \cap B \cap \overline{C})$$

$$(\text{b}) \quad (A \cap \overline{B} \cap \overline{C}) \cup (B \cap C)$$

$$(\text{c}) \quad \overline{(B - (A \cup C)) \cup (C - (A \cup B))}$$

$$(\text{d}) \quad \overline{(A \cup C) - B}$$

$$(\text{e}) \quad \overline{B \cup (A \cap \overline{C})}$$