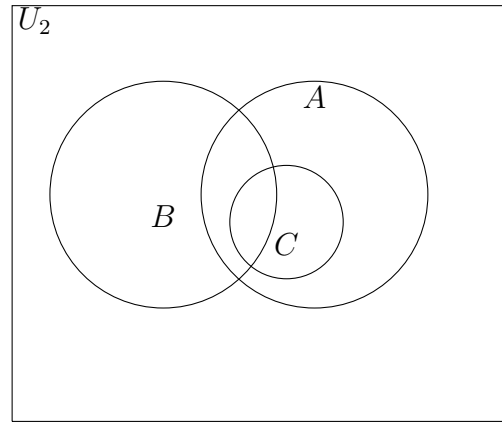
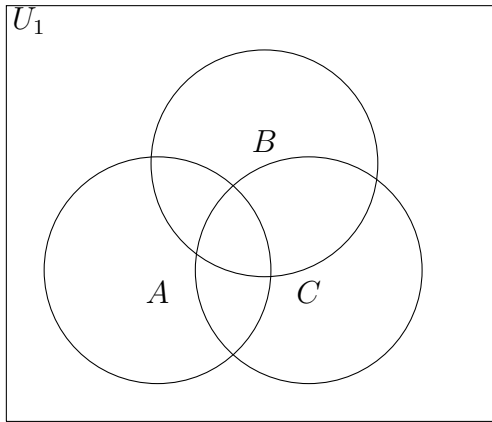
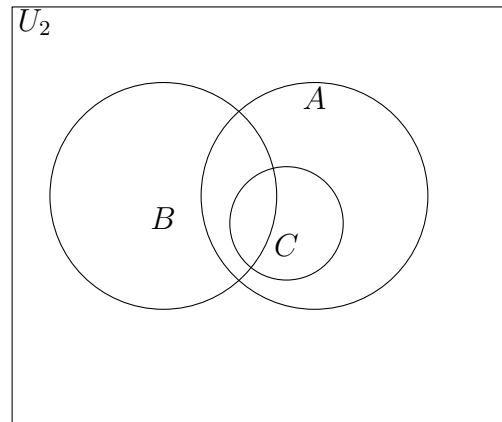
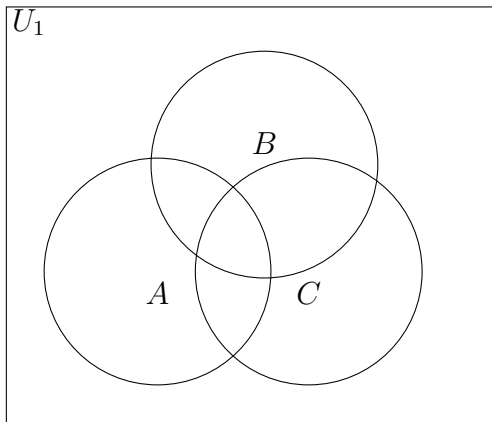


12. Use the following Venn diagrams and shade in the indicated regions (two diagrams for each part). If any of the sets are empty, specify.

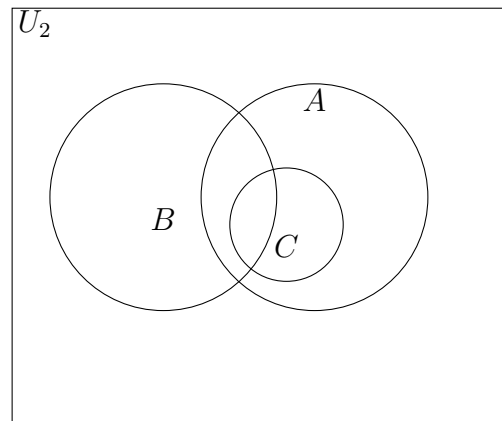
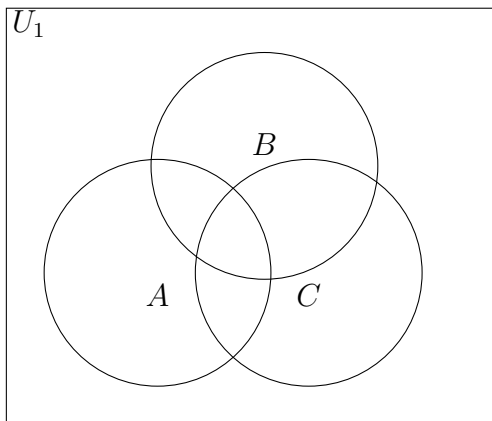
(a)  $A \cap B$



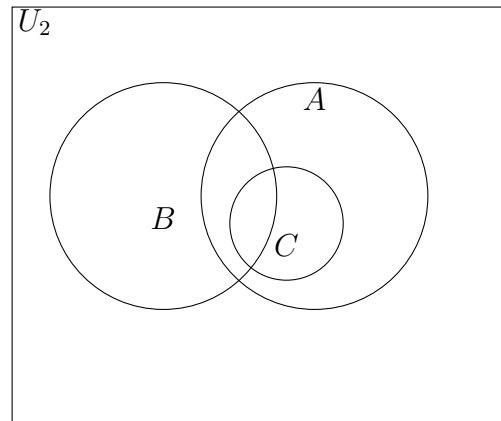
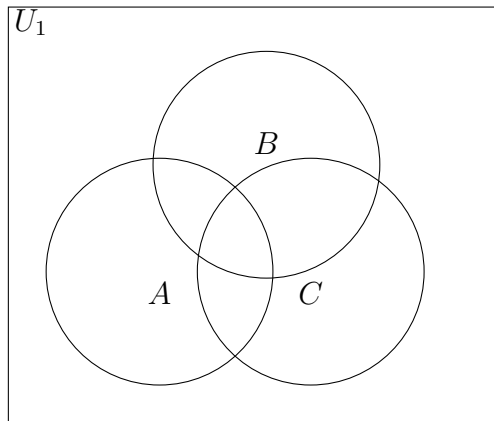
(b)  $A \cap C$



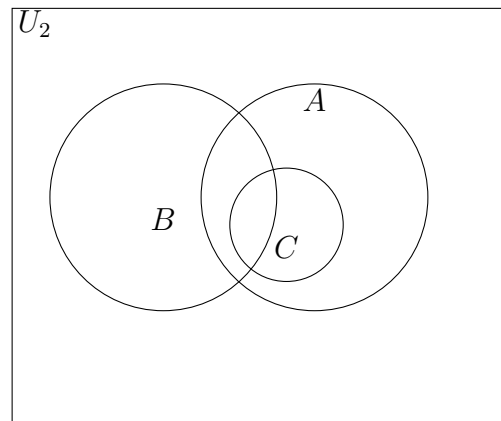
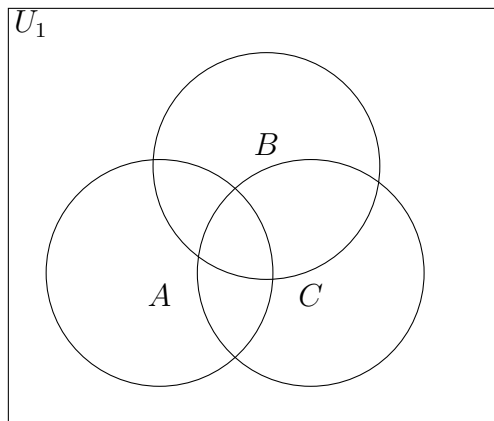
(c)  $(A \cap B) \cup (A \cap C)$



(d)  $B \cup C$



(e)  $A \cap (B \cup C)$



(f)  $(A \cap B) - C$

