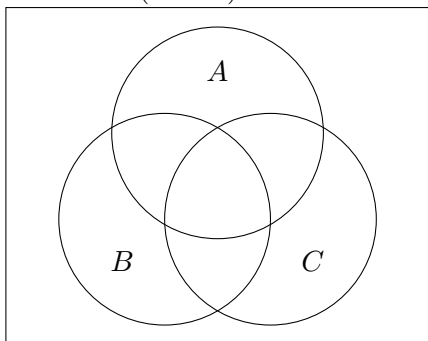
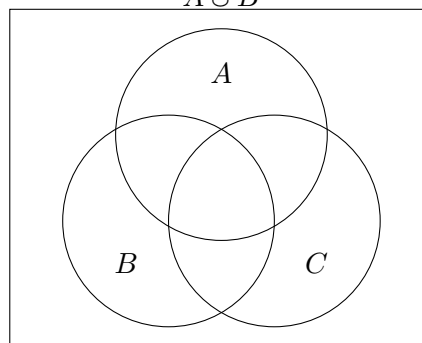


VENN DIAGRAM PRACTICE

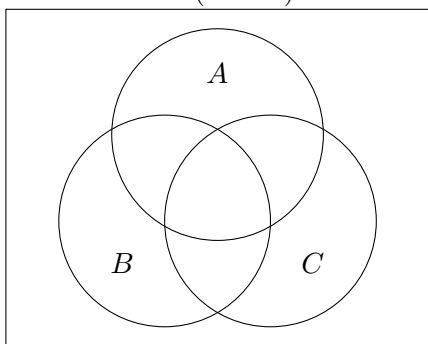
$$(A \cup B) - C$$



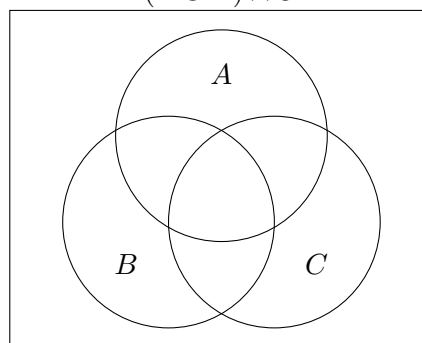
$$\overline{A \cup B}$$



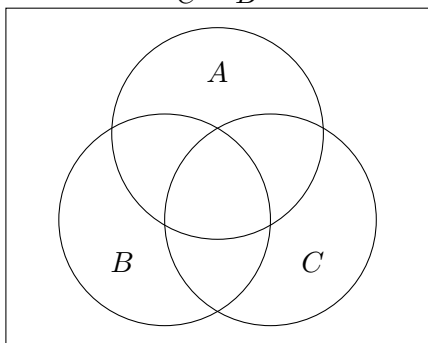
$$A \cap (B \cup C)$$



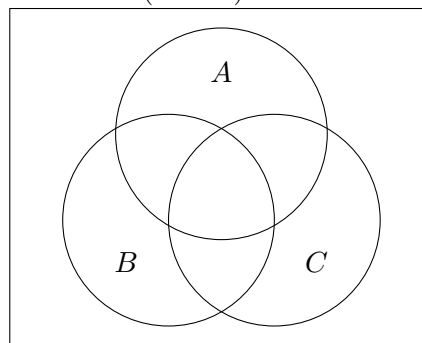
$$(A \cup B) \cap C$$



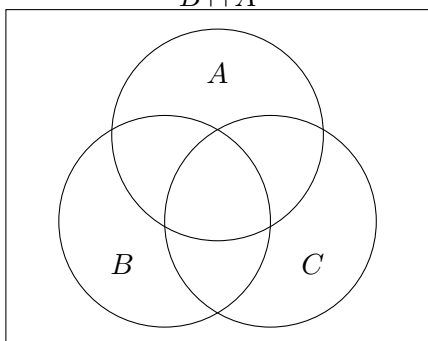
$$C - B$$



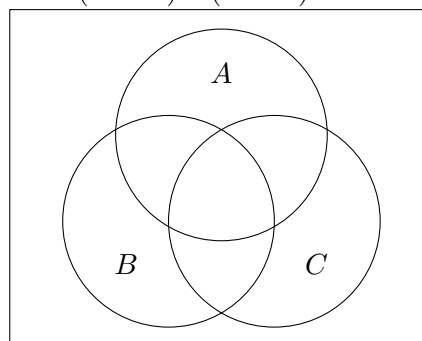
$$(A - C) \cup B$$



$$B \cap \bar{A}$$

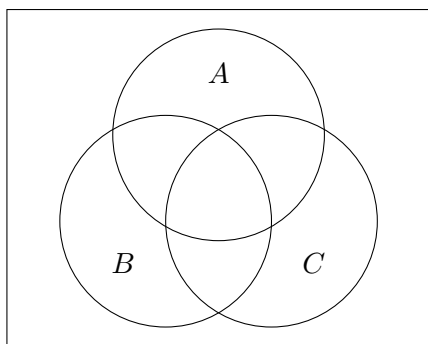


$$(A \cap B) \cup (A \cap C) \cup B$$

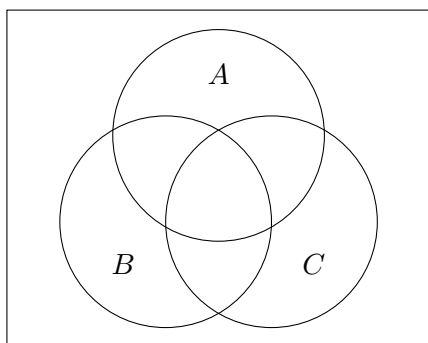


VENN DIAGRAM PRACTICE

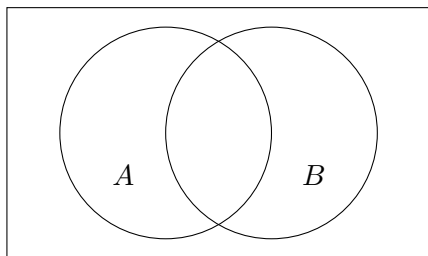
Find a simpler expression for each set:



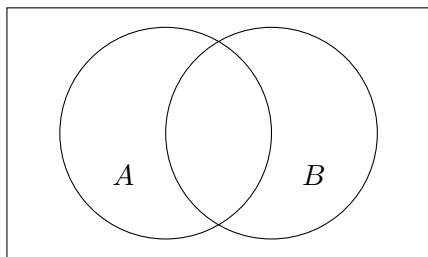
$$(A \cap B) - (A \cap C)$$



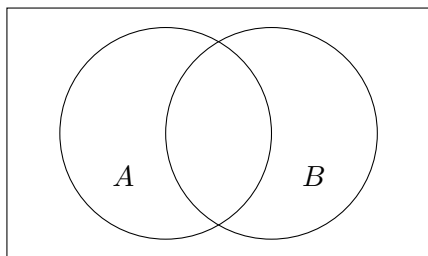
$$((A \cup C) \cap B) - C$$



$$(A \cup B) \cap \bar{A}$$



$$(A \cap \bar{B}) \cap (\bar{A} \cup \bar{B})$$



$$\overline{(A \cup B)} \cup \bar{B}$$