

# Math 221 - Venn Diagrams Worksheet

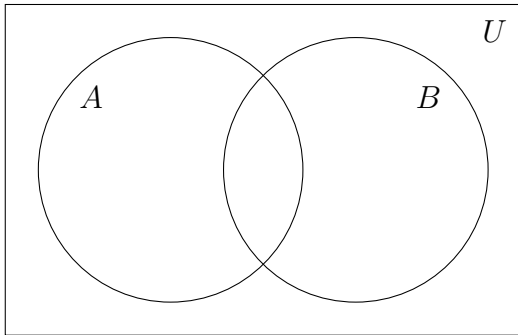
Name: \_\_\_\_\_

Date: \_\_\_\_\_

Instructions: Use a Venn Diagram to represent each set.

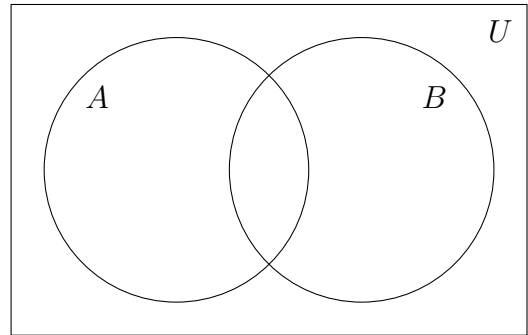
1.

$$\overline{A} \cap B$$



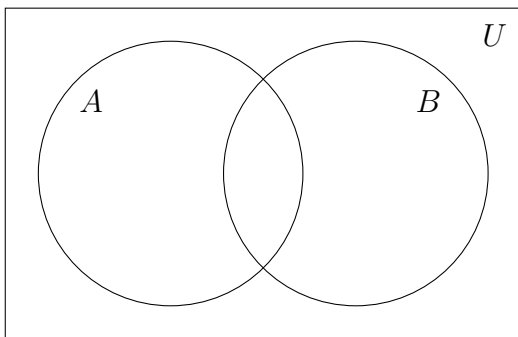
2.

$$B - \overline{A}$$



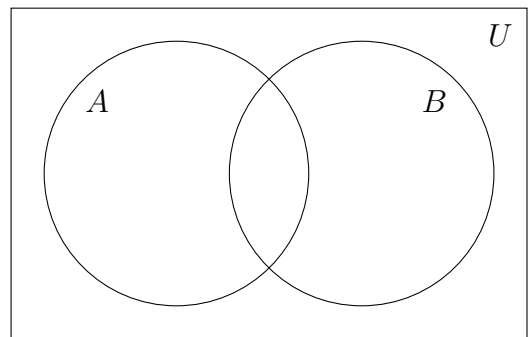
3.

$$\overline{A \cap B}$$



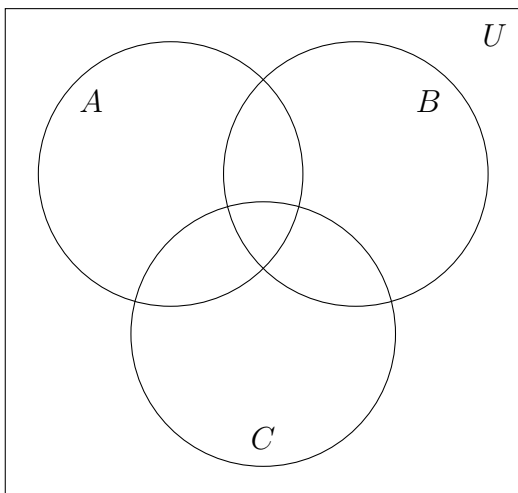
4.

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



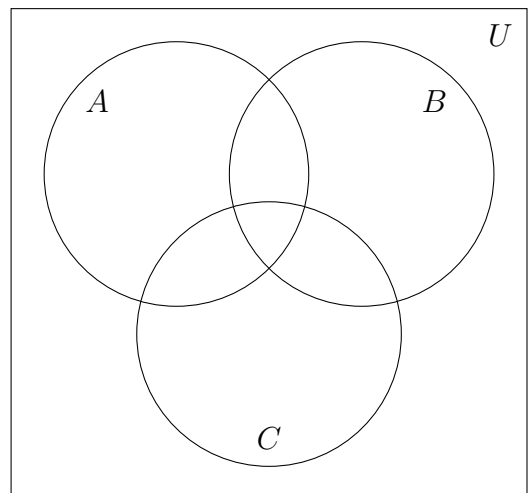
5.

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



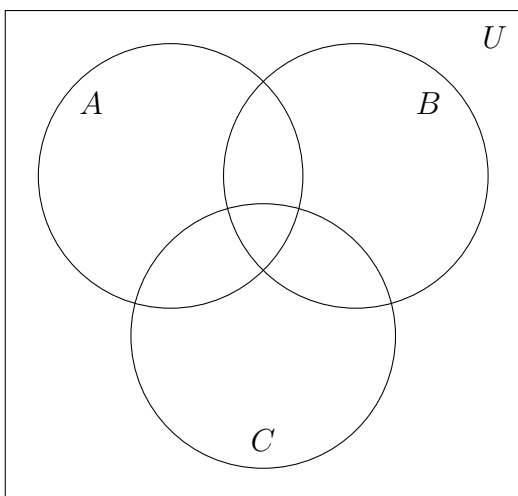
6.

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



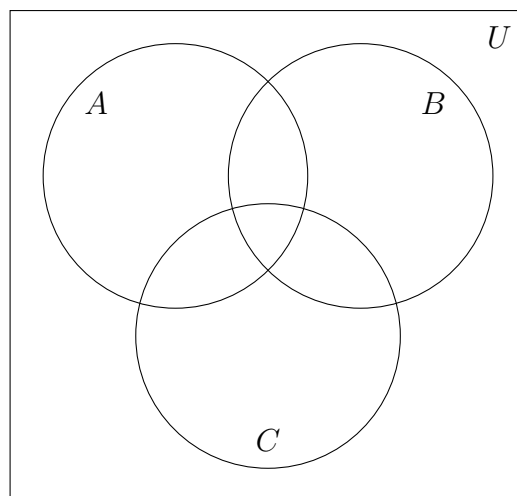
7.

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



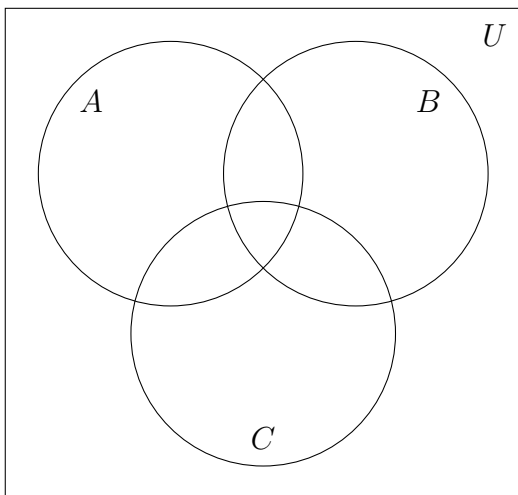
8.

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



9.

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



10.

$$A \cap (\overline{B \cap C})$$

