



Determine the shaded region of each diagram.

$B \cup (A - C)$

$A \cup B$

$B \cap (C - A)$

$(A \cup B) - C$

$(A \cup C) - B$

$B - (C \cup A)$

$C - (B \cap A)$

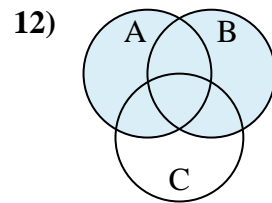
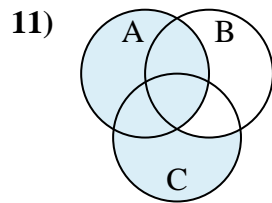
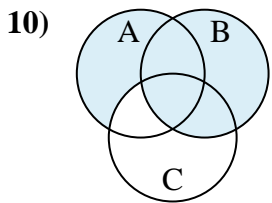
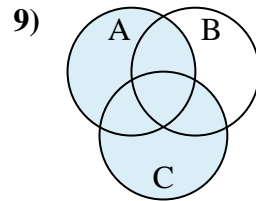
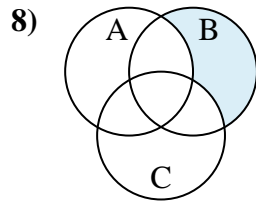
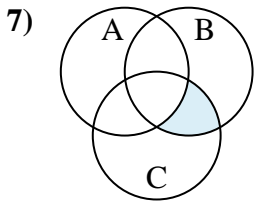
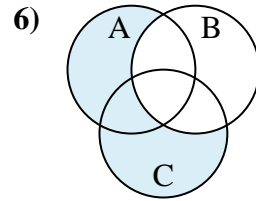
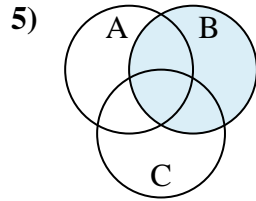
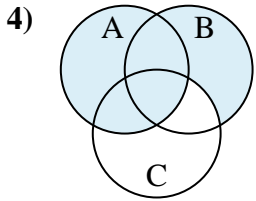
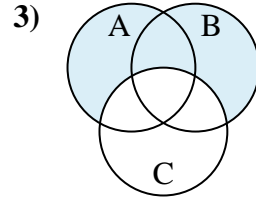
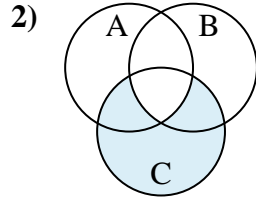
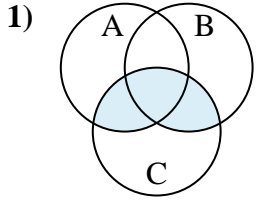
$C \cup A$

$B$

$A \cup (B - C)$

$(A \cup B) \cap C$

$A \cup (C - B)$



Answers

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_



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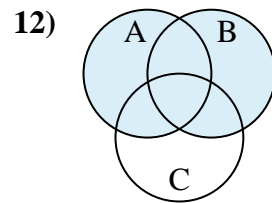
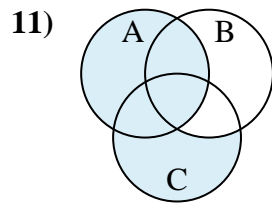
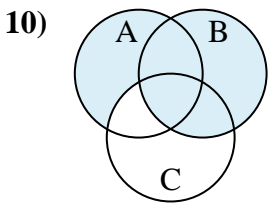
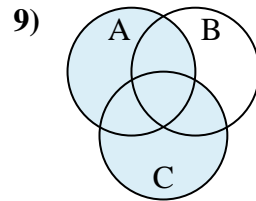
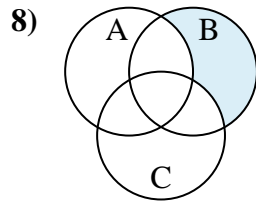
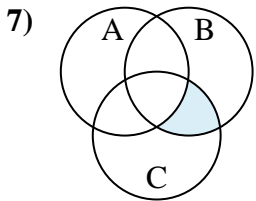
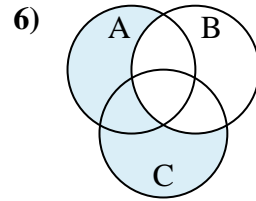
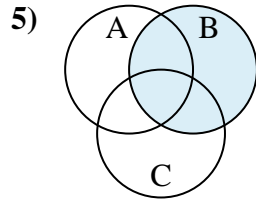
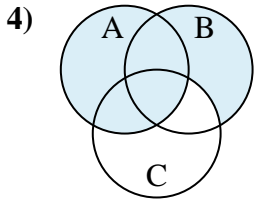
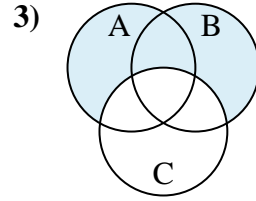
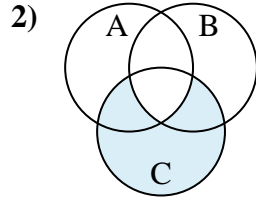
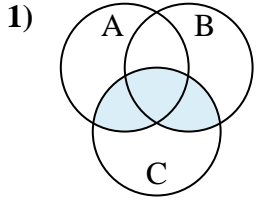
$C \cup A$

$B$

$A \cup (B - C)$

$(A \cup B) \cap C$

$A \cup (C - B)$



**Answers**

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

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

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

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

5.  $B$

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

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

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

9.  $C \cup A$

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

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

12.  $A \cup B$