

MA 110 BRUNETT SECTION 7.2 ADDITIONAL PRACTICE

Given Universe = {1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15};

$A = \{3, 5, 15\}$; $B = \{2, 4, 6, 8, 10, 12, 14\}$; $C = \{1, 2, 3, 4, 5\}$; and $D = \{1, 3, 5, 13, 15\}$

Find:

- | | | |
|------------------|-----------------------|-----------------------|
| 1. A' | 2. B' | 3. C' |
| 4. D' | 5. $A \cap B$ | 6. $A \cap C$ |
| 7. $A \cap D$ | 8. $B \cap C$ | 9. $B \cap D$ |
| 10. $C \cap D$ | 11. $A \cup B$ | 12. $A \cup C$ |
| 13. $A \cup D$ | 14. $B \cup C$ | 15. $B \cup D$ |
| 16. $C \cup D$ | 17. $A' \cap B$ | 18. $A \cap B'$ |
| 19. $B' \cap C$ | 20. $B \cap C'$ | 21. $A' \cup B'$ |
| 22. $A' \cap B'$ | 23. $A \cap B \cap C$ | 24. $A \cup B \cup C$ |