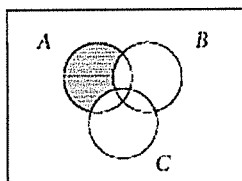


Ch 12 p.69 KEY

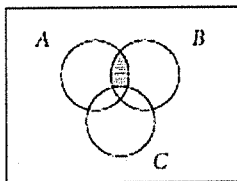
Chapter 12 Review

1. mean = 40, median = 43, range = 50 2. mean = 7, median = 8, range = 11 3. median = 21, mode = 18
4. median = 6.5, mode = 3 5. median = 39, range = 33, mode = 39 6. 27, yes 56 7. a. $\frac{4}{20} = 0.2$ b. 4 bins
8. a. 20 b. $\frac{6}{46} = 0.13$ 9. mean = 6, variance = 9.2 10. mean = 35, variance = 74 11. 2.8 12. 9.4
13. 4.5 14. 3.7 15. 60 16. 720 17. 7 18. 6 19. 12 20. 1 21. 24 22. 504 23. 4 24. 20
25. 40,320 26. 15 27. 2,598,960 28. 120 29. $\frac{3}{13}$ 30. $\frac{1}{72}$ 31. $\frac{1}{18}$ 32. a. Yes b. 0.75 c. 0
33. a. No b. $\frac{1}{4}$ c. $\frac{1}{8}$ 34. a. No b. 0.92 c. 0.54 35. a. No b. $\frac{1}{3}$ c. $\frac{2}{3}$ 36. $\frac{7}{26}$ 37. $\frac{7}{13}$
38. $\frac{5}{6}$ 39. $\frac{7}{12}$ 40. $\frac{25}{102}$ 41. $\frac{7}{26}$ 42. $\frac{15}{52}$ 43. $\frac{1}{102}$ 44. $\frac{1}{104}$ 45. $\frac{1}{7.776}$ 46. $\frac{1}{48}$
47. $(A \cup B) \cap C$ 48. $(A \cap B) \cup C$ 49. $A \cap (B \cup C)$ 50. $A \cup (B \cap C)$

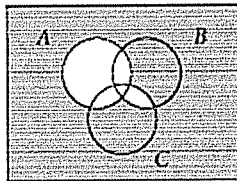
51.



52.



53.



54.

