

## **SM2H 10.2 Permutations and Combinations HW Answers**

1. Independent
2. Dependent
3. 60
4. 8,000,000
5. 25,000
6. 45,697,600
7. 36
8. 1024
9. 6720
10. 181,440
11. 4
12. 24
13. 107
14. 190
15. 8
16. 8
17. 720
18. 40,320
19. 60
20. 30,240
21. Combination 126
22. Permutation 40,320
23. Permutation 95,040
24. Combination 56
25. Permutation 1,816,214,400
26. Permutation 1680
27. Combination 119,759,850
28. Combination 232,848