CHAPTER 10, TEST A

1. (a) 10  (b) 6
2. (a) 1     (b) 1
3. 20      4. 1326
5. 286     6. 7
7. (a) 35  (b) 20
8. 720
9. 30,240
10. 360
11. \( \frac{2242!}{917! \cdot 787! \cdot 538!} \)

12. G (Chicken and ginger ale)
    M (Chicken and milk)
    R (Chicken and root beer)

    H
    M (Ham and milk)
    R (Ham and root beer)

    T
    M (Tuna and milk)
    R (Tuna and root beer)

13. 36
14. (a) 36  (b) 4
15. 26
16. 18
17. (a) 362,880  (b) 72

18. (a) 720  (b) 126
19. (a) 24  (b) 120

20. (a) 56  (b) 360
21. 720
22. 4

23. 16
24. 21
25. 5
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