Activity 5 Choices

- 1. 210
- 2. 720
- 3. 9000
- 4. P_3^8
- 5. 2520
- 6. C_7^{12}
- 7. $C_4^{34} = 46376$
- 8. $C_6^{45} = 8\ 145\ 060$
- 9. selecting a committee of 3 people from a group of 20. 1140 ways.
- 10. 35
- 11. $2 \times 8 \times 8 \times 8 \times 8 \times 8$
- 12. $\frac{6!}{3! \times 2!} = 60$
- 13. Select 4 girls and 2 boys from 7 boys and 9 girls in 1260 ways.
- 14. 20 tosses, $C_2^n = 190$ n = 20, n > 0
- 15. 17 players, $C_3^{15} = 455$





