

- 1. You have 4 posters to hang in the game room. You want to put one poster on each wall. How many ways can you arrange the posters?**
- 2. Judges at the art fair are awarding prizes to the first, second and third place finalists. The art fair has 10 contestants. How many different ways can first, second and third place be awarded?**
- 3. The cable network has 15 comedy shows it plans to broadcast. They want to choose 4 of them for Tuesday evenings. How many possible line ups are there for Tuesday?**
- 4. You have 8 pairs of pants, and plan to wear a different each day from Monday to Friday. How many possible arrangements of pants are there during the five days?**

5. You are planning a trip to Boston for 3 days. You want to see Paul Revere's house, The Old North Church and Plymouth Rock. How many ways can you arrange your schedule so you complete one activity per day?