

Activity: Sample Space

Directions: You are to work with a partner. You will solve the problems on one side of the worksheet and your partner will solve the problems on the other side. When you are finished, you and your partner will have the SAME answers, but they will NOT be in the same order.

List the number of elements in the sample spaces for each of the activities described below:

Partner #1 _____	Partner #2 _____
1. Rolling one die.	1. Tossing two coins.
2. Making a 2-piece outfit from two tank tops and two pairs of shorts.	2. Drawing one marble from a jar containing 1 green marble, 2 blue marbles, and 2 pink marbles.
3. Drawing one card from a set of cards containing the letters E, F, G, H, and I.	3. Picking a vowel from the letters D, E, F, H, I, J, K and L.
4. Rolling snake eyes (1,1) when rolling a pair of dice.	4. Choosing sneakers which come in high tops or regular tops and are available in black, blue or white.
5. Determining the number of combinations of these meal items taking only ONE of each item: Pepsi or Coke, ice cream or sherbet, and hamburger or hotdog.	5. Rolling box cars (6,6) when rolling a pair of dice.