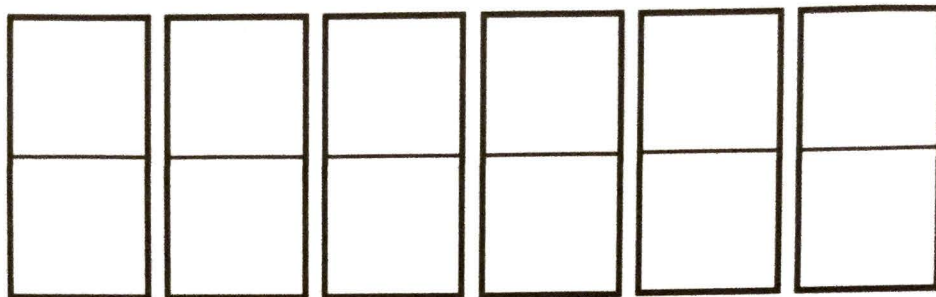


PART 3: ROLLER COASTERS (SIMPLE EVENTS)

Wkd

Your most popular roller coaster has room for up to twelve riders. You have decided to choose new material for the seats that are green, red, or blue. Color your coasters new seats below using the three colors. (You must use each color at least once.)



USE THE ABOVE SEATING CHART TO ANSWER THE QUESTIONS BELOW:

- 1) What is the probability that a rider will ride in a green seat? Express your answer as a fraction, decimal, and percent.
- 2) What is the probability that a rider will ride in a red seat? Express your answer as a fraction, decimal, and percent.
- 3) What is the probability that a rider will ride in in a green, red, or blue seat? Express your answer as a fraction, decimal, and percent.
- 4) What is the probability that a rider will ride in a blue or red seat? Express your answer as a fraction, decimal, and percent.
- 5) What is the probability that a rider will ride in a purple seat? Express your answer as a fraction, decimal, and percent.