

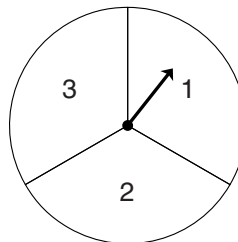


LESSON
8-4

Practice

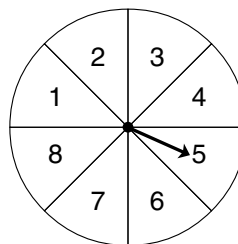
Sample Spaces

1. Marcus spins the spinner at the right and flips a dime at the same time. What is the theoretical probability of each outcome?



2. For lunch, students have a choice of a hot dog, a hamburger, or pizza and a choice of an apple, a pear, or grapes. If Britney picks a sack lunch at random from a tray that contains one lunch of each type, what is the probability that she will choose a lunch with pizza and grapes?

3. Susan and Ryan are playing a game that involves spinning the spinner at the right and flipping a penny. What is the probability that the penny will land on heads and the spinner will stop on 2?



4. An Italian restaurant offers small, medium, and large calzones. The choices of fillings are cheese, sausage, spinach, or vegetable. How many different calzones can you order?

5. There are 5 ways to go from Town X to Town Y. There are 3 ways to go from Town Y to Town Z. How many different ways are there to go from Town X to Town Z, passing through Town Y?

6. Rasheed has tan pants, black pants, gray pants, and blue pants. He has a brown sweater and a white sweater. How many different ways can he wear a sweater and pants together?
