

Name _____

The Dance of Probability: Independent and Dependent Events

Multiple Choice Questions

1. What are independent events like?
 - a) Students who need partners to dance
 - b) Events that don't affect each other
 - c) Events that rely on each other's moves
 - d) Events with uncertain outcomes

2. If you flip a coin twice, what type of events are these flips?
 - a) Independent events
 - b) Dependent events
 - c) Solo events
 - d) Partnered events

3. What analogy is used to describe dependent events?
 - a) Flipping a coin
 - b) Choosing bread and peanut butter
 - c) Making a peanut butter and jelly sandwich
 - d) Drawing marbles from a bag

4. Which of the following is an example of dependent events?
 - a) Choosing bread and peanut butter
 - b) Drawing marbles from a bag without replacement
 - c) Flipping a coin twice
 - d) Rolling a die

5. What determines whether events are independent or dependent?
 - a) The number of events
 - b) The probability of outcomes
 - c) Whether they dance solo or together
 - d) The time of occurrence

