

Name _____

Unlocking the Mystery of Conditional Probabilities

Short Answer Key

1. Conditional probability is the probability of an event happening given that another event has already occurred.
2. Conditional probability is calculated using a formula that involves dividing the probability of both events by the probability of the given condition.
3. An example of when you might use conditional probability is when predicting the likelihood of rain based on the weather forecast.
4. When calculating conditional probability, the probability of an event happening changes depending on the condition given, whereas with unconditional probability, there are no conditions.
5. The formula used to calculate conditional probability involves dividing the probability of both events by the probability of the given condition.

