Course > Probability: Finding Probability of Events > Finding Probability of Events Summary >
Wrap-Up (Finding Probability of Events)

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Wrap-Up (Finding Probability of Events)

So far in our study of probability, you have been introduced to the sometimes counterintuitive nature of probability and the fundamentals that underlie probability, such as random experiments, sample spaces, and relative frequency. We also gave you some tools to help you find the probabilities of events —namely the probability rules. You probably noticed that the probability section was significantly different from the two previous sections; it has a much larger technical/mathematical component, so the results tend to be more of the "right or wrong" nature. In the Exploratory Data Analysis section, for the most part, the computer took care of the technical aspect of things, and our tasks were to tell it to do the right thing and then interpret the results. In probability, we do the work from beginning to end, from choosing the right tool (rule) to use, to using it correctly, to interpreting the results. Finally, we have one piece of unfinished business left from this module. We have only discussed the version of the Multiplication Rule that is restricted to independent events and we still need to lift this restriction and introduce the General Multiplication Rule. This will be done in the next module.