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| Kenya is trying to find matching socks. There are 4 red socks, 6 blue socks, and 2 white socks in her drawer. What is the probability that Kenya will pull out a blue sock, put it on, and then pull out another blue sock to put on? | What is the probability of rolling a 4 on a number cube and pulling a red marble out of a bag that contains 3 red, 2 black, and 5 yellow marbles? |
| What is the probability of rolling a 3 or a 4 on a number cube? | A deck of cards has 52 cards. What is the probability of pulling out a King of Diamonds, without replacing it, and then an Ace of Spades? |
| What is the probability of pulling the letter “s” out of the word Mississippi? | Diamond is playing a game. In the game she has to spin a spinner that is divided into equal sections of orange, red, purple, and pink. What is the probability that on her first spin she will land on pink and red her second spin? |
| Your favorite flavor of gum green apple. The gumball machine contains 10 grape gumballs, 12 strawberry gum balls, 3 lemon gumballs, and 10 green apple gumballs. What is the probability that you will ***not*** get your favorite gumball from the machine? | Numbers 1 to 20 are placed in a bag. Without replacing the first number, what is the probability that the first number drawn will be odd and the second one will be even? |

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| **Simple Event** |
| **Independent Event** |
| **Dependent Event** |