



3. Jim is taking an exam where he has to answer 10 of the 15 questions on the exam. What is the probability that Jim answers at most 4 of the first 7 questions?
4. Your 4 year old nephew is playing with some blocks. The blocks are identical except for the letter on the block: one block has an M, four blocks have an I, 4 blocks have an S, and 2 blocks have a P. If your nephew places all of the blocks in a row, what is the probability that he spells the word MISSISSIPPI?
5. Two cards are drawn without replacement from a standard deck of cards. What is the probability that both cards are aces?
6. Fifteen people are all applying for three different scholarships. What is the probability that John, who is one of the 15 people, gets at least 2 scholarships?