

Name _____



Date _____

Probability

Complete.

Enter answers
in text boxes.

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|---|---|
| 1. Emily shows her friend Courtney a deck of cards. Assuming the cards in the deck are randomly distributed, what is the probability that Emily draws an ace and does not replace it, and then draws another ace? | 2. Nicole rolls a die twice. What is the probability she will get a three both times? |
| 3. There are five black marbles, seven red marbles and six white marbles in a bag. The first marble selected at random from the bag is red. The red marble is not put back in the bag. What is the probability of pulling out a red marble on the next try? | 4. Cameron does not know the answer to two questions on a multiple choice exam. The first question has three choices and the second question he does not know has seven choices. What is the probability that he will get both questions wrong? |
| 5. You have six pennies, seven nickels and ten dimes in a piggy bank. If you turn the bank upside down and shake it until a coin comes out of the slot, what is the probability that you will get out two pennies in a row? | 6. What is the probability, that on two consecutive rolls of a die, first an odd number, then an even number will come up? |