Name _____ **Period** _____ **Date**_____

*Worksheet – Finding the Probability of an Event II

Find the probability for the following events.

1. A bag contains 4 red marbles, 16 yellow marbles, 5 purple marbles, 16 blue marbles, and 10 green marbles. What is the probability of pulling out a red or a green marble?

2. If one letter is chosen at random from the word *combed*, what is the probability that the letter chosen will be a "d"?

3. A dice cube has 6 sides that are numbered 1 to 6. If the cube is thrown once, what is the probability of rolling an odd number?

4. If one letter is chosen at random from the word *refuse*, what is the probability that the letter chosen will be an "e"?

5. The sides of number cube have the numbers 2, 4, 8, 9, 4, and 7. If the cube is thrown once, what is the probability of rolling a 7?