DIGITAL

NAME _____

Module 20   Solving Problems Using Probability,
                Statistics, and Discrete Math
Lesson 3   Solving Advanced Probability Problems

guided practice

Set 1

1. What is the probability of drawing, *with* replacement, a red marble and then a blue marble from a bag that has three red marbles and five blue marbles?

_____

2. What is the probability of drawing, *without* replacement, a red marble and then a blue marble from a bag that has three red marbles and five blue marbles?

_____

3. What is the probability of randomly selecting, *with* replacement, an "a" and then an "n" from the letters of the word "banana"?

_____

4. What is the probability of randomly selecting, *without* replacement, an "a" and then an "n" from the letters of the word "banana"?

_____

5. What is the probability of the next two blood donors having type A blood if forty percent of the population has type A blood?

_____

410-467-3300