

MATH 113: DISCRETE STRUCTURES
"READING" QUESTIONS FOR MONDAY WEEK 10

"Reading" assignment. Watch the fifth probability lecture video on Youtube (distributed via email).

Problem 1. A weighted six-sided die lands with a 1 up 25% of the time. What is the probability of getting a 1 exactly twice if you roll the die 5 times?

Problem 2. For the same die as in problem 1, what is the probability of rolling your first 1 on your fifth roll?