This assignment will familiarize you with Gradescope, the software used in this course for grading homework and exams. Complete the following steps.

1. Answer the following three questions (no justification required):
   i. You roll a fair 6-sided die seven times. Is it possible that none of the numbers 1 through 6 appears more than once in your rolls?
   ii. You have three different pairs of socks in the dryer and you want to take out a pair of matching socks to wear. Unfortunately, the light in the laundry room is broken and you cannot identify the socks until you go outside. What is the least number of socks that you have to take out of the dryer to ensure that you will be able to find a matching pair amongst them? Note: you could of course take out all six socks and then you’re guaranteed a pair of matching socks among the six (in fact, you will have three by construction). Morally, the question is asking if you can take out fewer socks and still guarantee yourself a matching pair.
   iii. List the upper division math classes that you have taken at UCSD.
2. Make sure to include your name, student ID, and the name of your professor in the top right-hand corner of your assignment. For longer assignments later in the quarter, this only needs to be done on the first page.
3. Create an account with Gradescope (make sure you use your @ucsd.edu address). If you already have a Gradescope account linked to your @ucsd.edu address, then you do not need to create another account.
4. Read the guide for submitting homework on Gradescope. Make sure you read the guide carefully.
5. Log into your account, find the course Gradescope page, select the correct assignment, and upload your scanned assignment following the guide in the previous step. If you cannot find the course Gradescope page, then you may need the course entry code: 9B8XNY.