

15-123 Homework 1

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1. test 1

asdfasdfasdf

test 1.1

2. Anagrams

How many ways are there to rearrange the letters in the word “anagram”?

Solution. We can choose an arrangement of the letters in “anagram” in two steps. We first choose 3 of the 7 positions to be a’s, then permute “ngrm” in the remaining positions. Thus, we have

ways to choose an arrangement.