

Math 350 Probability – Quiz 1 – Fall 2007

Name: _____

Instructions: **Answer each question completely and show all work.**

1. A student has to sell 2 books from a collection of 6 math, 7 science and 4 economics books. How many choices are possible if:

(a) both books are to be on the same subject?

(b) the books are to be on different subjects?

2. 10 person subcommittee is formed from a committee of 8 men and 6 women. How many such committees can be created that either contain all the men or all the women.