Quiz 2

- 1. There are 7 books to be placed on a shelf: 4 history books, 2 science book, and a fantasy book.
 - (a) How many ways are there to place the 7 books on the shelf?

(b) How many ways if the science books need to be to the left of the history books, and the history books need to be to the left of the fantasy book?

(c) How many ways are there to place the 7 books on the shelf if the history books need to stay together and the science books need to stay together?