1. \textbf{(ex10 pp16)} In how many ways can 8 people be seated in a row if
   \begin{enumerate}
   \item there are no restrictions on the seating arrangement;
   \item persons A and B must sit next to each other;
   \item there are 4 men and 4 women and no 2 men or 2 women can sit next to each other;
   \item there are 5 men and they must sit next to each other;
   \item there are 4 married couples and each couple must sit together?
   \end{enumerate}

2. \textbf{(ex16 pp17)} 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
   \begin{enumerate}
   \item both books are to be on the same subject;
   \item the books are to be on different subjects?
   \end{enumerate}