

BE-1B TUESDAY 4-24-07

USE PERMUTATION NOTATION TO
DESCRIBE EACH SITUATION, THEN

SOLVE USING
$${}_N P_r = \frac{N!}{(N-r)!}$$

- ① 8 books on shelf, shelf has room for 3 books, how many arrangements.
- ② shelf has room for 2 books.
- ③ shelf has room for 1 book.
- ④ shelf has room for 8 books.

TAKE OUT HOMEWORK
