

BE-1B | MONDAY 4-16-07

- ① WHAT IS THE FUNDAMENTAL
COUNTING PRINCIPLE (FCP)?
- ② A football team uses
purple, white, grey jerseys
for home, away, practice, and
games, games, practice, and
has purple and white pants and
black or white shoes. How many
color combinations can be made
from jerseys, pants, shoes?
- ③ $3! = ?$

WHAT IS THE ! SYMBOL CALLED?

LOOK HOMEWORK OR REASON

Ch. 14-1 Counting Outcomes

EX 1 PG 754 TREE Diagram

EX 2 SANDWICH, side, beverage
 $\Rightarrow$ 10, 12, 7
How many combinations

EX 3 Counting Arrangements
10 video games, how many
ways to display?

What is $0!$?

It is defined as 1

EX 5 12 roller coasters, how many ways?
What if you can only ride 8?

Pg 756 # 1 to 8

Read Ch. 14-1

Pg 757 # 9-16
