

①  $n=3$  iken  $\frac{1}{1} \frac{2}{2} \frac{1}{2}$  2 tane

$\frac{1}{1} \frac{2}{2} \frac{3}{2}$

$n=4$  iken  $\frac{1}{1} \frac{2}{2} \frac{1}{2} \frac{1}{2}$  3 tane

$n$  iken  $n-1$  tane yer yere gelme sayısı

$$\frac{n!}{(n-1)!} = n = 3$$

a)  $\rightarrow$  1 ve 2'nin yer yere gelme sayısı  $\rightarrow \frac{P(n, n-1)}{n!} = \frac{n}{n!}$

$\nearrow$   
Toplam sayı

b)  $\rightarrow$  1, 2, 3'ün yer yere gelme sayısı  $\rightarrow \frac{P(n, n-2)}{n!} = \frac{n(n-1)}{n!}$

$\nearrow$   
Toplam Sayı

Q2)

a)

m. men  $\rightarrow 0.4$

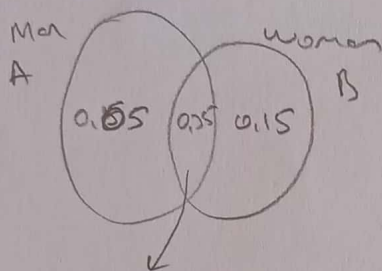
m. women  $\rightarrow 0.5$

m. w and m. w  $\rightarrow 0.7$

$$\frac{P(A \cap B)}{0.5} = 0.7 \Rightarrow \text{Conditional Probability}$$

$$\rightarrow P(A \cap B) = 0.35$$

$$\frac{35}{100}$$



$$a) \rightarrow 0.35$$

$$b) \frac{P(A \cap B)}{P(A)} = \frac{0.35}{0.4} = \frac{7}{8}$$

$$c) \frac{0.05 + 0.15}{0.4} = 0.50$$