

1520

$$\alpha) P(A) = 50\%$$

$$P(B) = 40\%$$

$$P(A \cap B) = 10\%$$

$$\text{όρα: } P(A \cup B) = P(A) + P(B) - P(A \cap B) = 50\% + 40\% - 10\% = 80\%$$

$$\beta) P[(A \cup B)'] = 1 - P(A \cup B) \stackrel{(\alpha)}{=} 1 - 80\% = 20\%$$

