

1) if $P(A) = \frac{7}{13}$, $P(B) = \frac{9}{13}$ and $P(A \cap B) = \frac{4}{13}$,

Evaluate $P(A/B)$

soln' $P(A/B) = \frac{P(A \cap B)}{P(B)}$

so, $P(A/B) = \frac{4/13}{9/13} = \frac{4}{9}$.