



PROBABILITY ASSIGNMENT

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1 problem

Compute $\Pr(A|B)$, if $\Pr(B) = 0.5$ and $\Pr(AB) = 0.32$?

2 solution

By using property of conditional probability we have,

$$\Pr(A|B) = \frac{\Pr(AB)}{\Pr(B)} = \frac{0.32}{0.5} = 0.64 \quad (1)$$