



# 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,

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