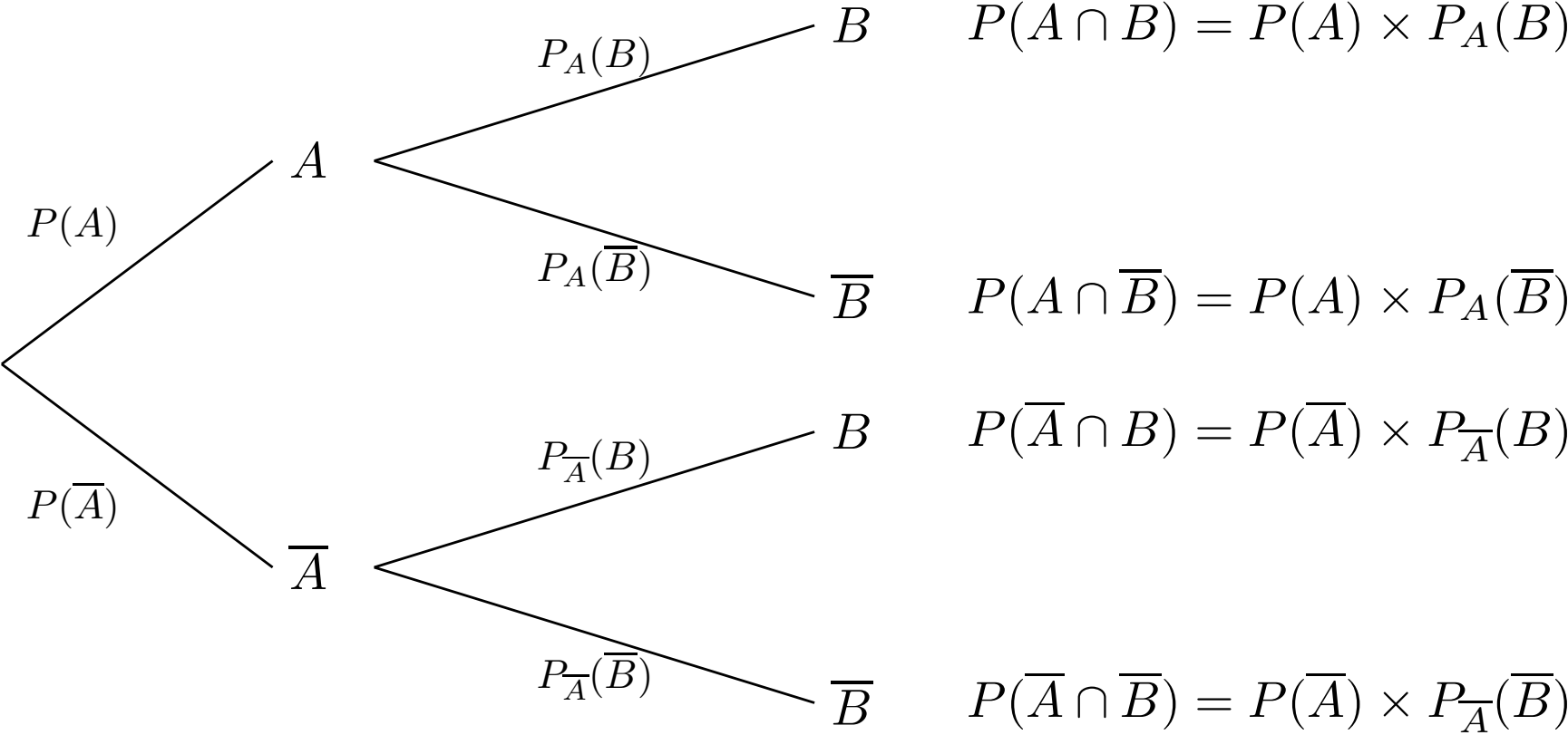
$P(A)$
A
$P_A(B)$
B
$P_A(\overline{B})$
$\overline{B}$
$P(\overline{A})$
$\overline{A}$
$P_{\overline{A}}(B)$
B
$P_{\overline{A}}(\overline{B})$
$\overline{B}$
$P(A \cap B) = P(A) \times P_A(B)$
$P(A \cap \overline{B}) = P(A) \times P_A(\overline{B})$
$P(\overline{A} \cap B) = P(\overline{A}) \times P_{\overline{A}}(B)$
$P(\overline{A} \cap \overline{B}) = P(\overline{A}) \times P_{\overline{A}}(\overline{B})$