Two events are independent f whatever happesn does not affect the other one at all.

The probability of happening of two independent events is the product of the probability of both happening.

$$p(X = x \& Y = y) = p(X = x) \,.\, p(Y = y)$$

The probability to get a 6 in each of two independent dices *A* and *B* is :

$$\underline{P(X = 6 \& Y = 6) = p(X = 6) \,.\, p(Y = 6) = 1/6 \,.\, 1/6 = 1/36}$$

The probability of rain one day in February in Sevilla is 35%, and that the Betis wins is of 75%.

What is the probability for not rain in Sevilla and for the Betis wins ?

$$P(\text{ not rain}) = 1 - P(\text{ rain }) = 0.65$$

$$\underline{P(\text{ not rain }) \,.\, P(\text{ Betis wins }) = 0.65 \,.\, 0.75 = 0.49 \Rightarrow 49\%}$$