

$P(\text{Yes}|\text{Sunny})$

Let $C = \text{Yes}$ and $x = \text{Sunny}$

$$P(C|x) = \frac{P(C) \cdot P(x|C)}{P(x)}$$

$$= \frac{9/14 \cdot 3/9}{4/14}$$

$$= \frac{3}{4}$$