根据公式: $P(AB) = P(A) \cdot \underbrace{P(B|A)}_{= \frac{P(AB)}{P(A)}} = P(A) \cdot \frac{P(AB)}{P(A)}$,

$$\leftarrow \text{即 } P(B|A) = \frac{P(AB)}{P(A)} = \frac{\frac{32}{100000}}{\frac{40}{100000}} = 0.8$$

根据公式: $P(AB) = P(B) \cdot P(A|B) = P(B) \cdot \frac{P(AB)}{P(B)}$

$$\leftarrow \text{即 } P(A|B) = \frac{P(AB)}{P(B)} = \frac{\frac{32}{100000}}{\frac{34}{100000}} = 0.941176$$