

Answer on Question 38879, Math, Statistics and Probability You will need Baye's theorem here

$$P(A|B) = \frac{P(B|A)P(A)}{P(B)}$$

Here A is visiting both Disney World and Busch Gardens, B is visiting Disney World, $P(B|A)$ is probability to visit Disney World when both Disney World and Busch Gardens were visited and its obviously equal to 1. Hence we have

$$P(A|B) = \frac{1 \cdot 0.2}{0.5} = 0.4 = \frac{2}{5}$$