$$P(A/B) = P(B/A) \cdot P(A)$$

$$P(A/B) = P(A/B) \cdot P(B)$$

$$P(B/A) = P(A/B) \cdot P(B)$$

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$$P(B/B) = P(B/A) \cdot P(A)$$

= 
$$P(A/B) = 0.00098/P(B)$$
  
 $P(NA/B) = 0.03/P(B)$ .  
 $P(N) = \frac{1}{3}P(N) = \frac{1}{3}$   
 $P(N) = \frac{1}{3}P(N) + \frac{1}{3}P(N)$   
 $P(A/B) = \frac{1}{3}P(N/B) + \frac{1}{3}P(N/B)$   
 $= \frac{1}{3}P(N/B) + \frac{1}{3}P(N/B)$   
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$$P(A/B) = 0.00098$$
 $P(A/B) = 0.00098$ 
 $9(A/B) = 0.03$ 
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 $P(A/B) = 0.03$