

# Bayesian Stats Assignment 1A

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## Question 1

**a**

$$1 - P(A) = 1 - .5 = .5$$

**b**

$$P(A) * P(B) = .5 * .3 = .15$$

**c**

$$P(A) + P(B) - P(A \cap B) = .5 + .3 - .15 = .65$$