**Homework 1**
Lewis Collum
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1 (Mutually Exclusive)

**(a)** $P(\emptyset) = 0$
**(b)** $P(A) + P(B) = 0.9$
**(c)** $0.5$
**(d)** $1 - P(A) - P(B) = 0.1$
**(e)** $1.0$

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2

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4

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7