

Quiz 1

Name:

1. Let A and B be two events, if $A \implies B$ then $\neg B \implies ??$
 - a) Undetermined
 - b) $\neg A$
 - c) A
 - d) $A \wedge B$
2. Let A and B be two events, if $A \implies B$ then $\neg A \implies ??$
 - a) Undetermined
 - b) $\neg B$
 - c) B
 - d) $A \wedge B$
3. Let d be the result of rolling a fair 6-sided die. What is $\Pr[d < 3 \vee d \text{ is odd}]$?
 - a) $2/3$
 - b) $1/2$
 - c) $1/6$
 - d) None of the above
4. Let d be the result of rolling a fair 6-sided die. What is $\Pr[d < 3 | d \text{ is odd}]$?
 - a) $2/3$
 - b) $1/2$
 - c) $1/3$
 - d) None of the above