LSU E. J. OURSO COLLEGE OF BUSINESS

Dr. Chun's Numb3rs & L∅gic

Candle Light Dinner

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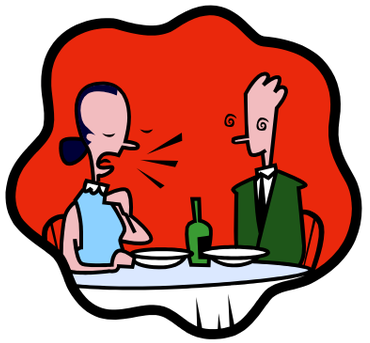
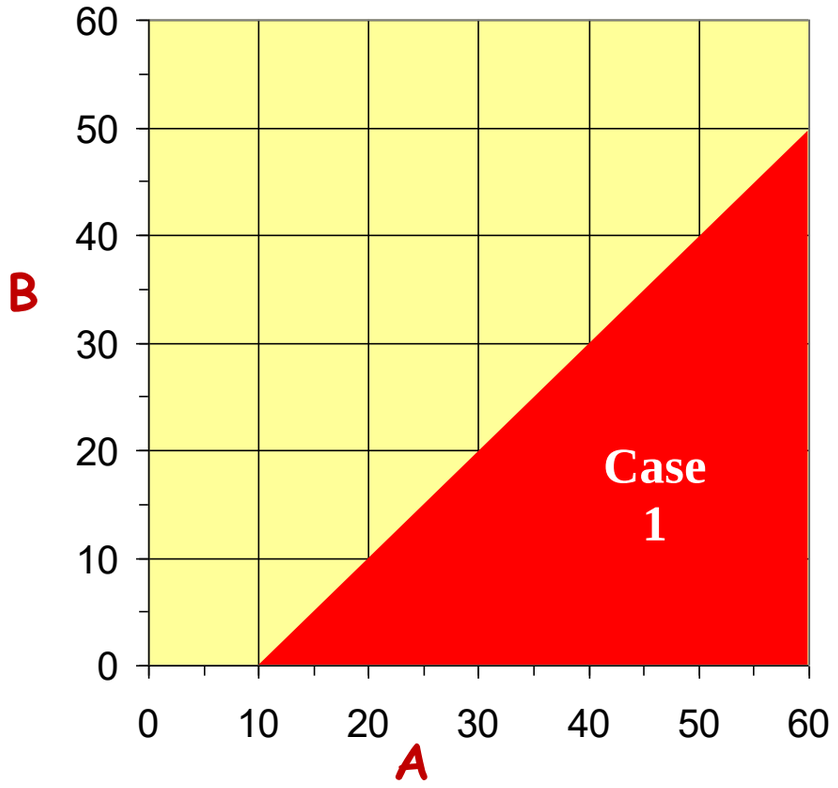
Candle Light Dinner

Amy and Brad decide to meet between 7:00 P.M. and 8 P.M. for a candlelight dinner, but agree that each should wait no longer than 10 minutes for the other.



What is the probability that they will meet?

- There are two cases in which they will not be able to meet.
  - Case 1: A - B > 10 minutes
  - Case 2: B – A > 10 minutes



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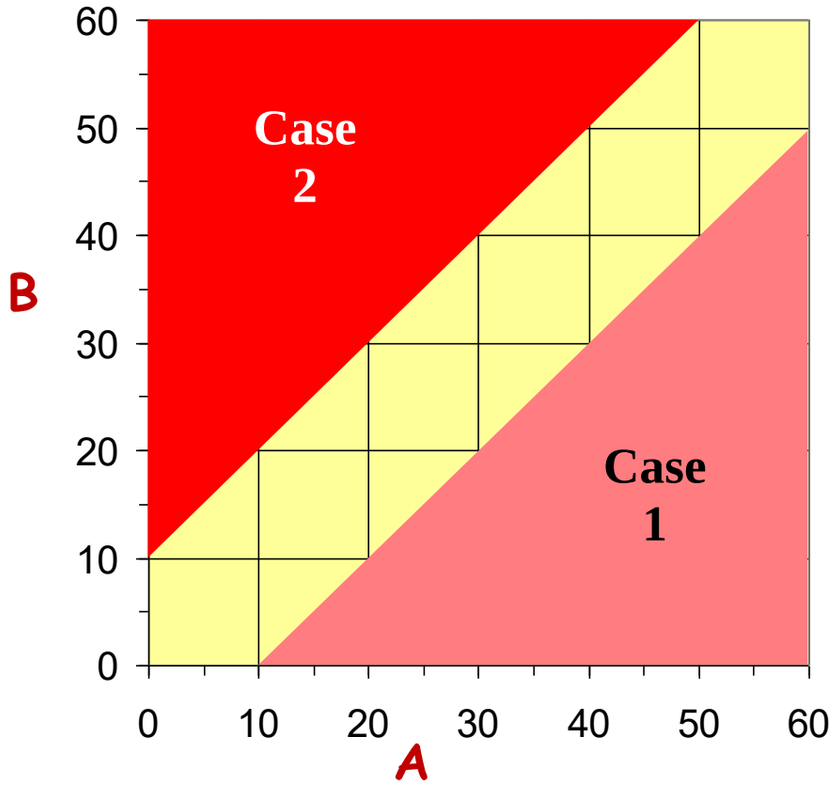

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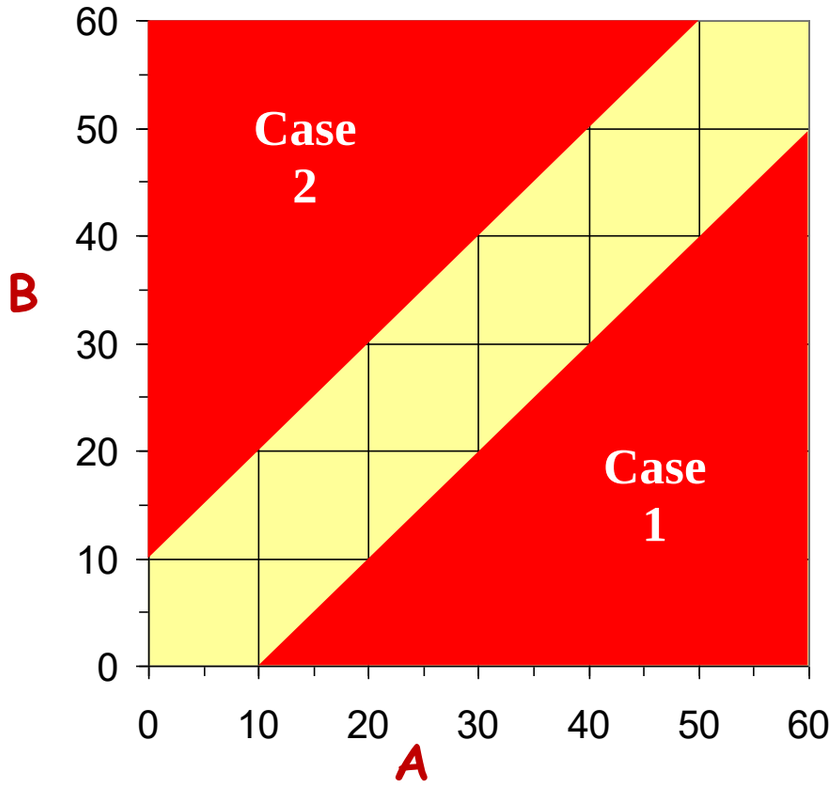
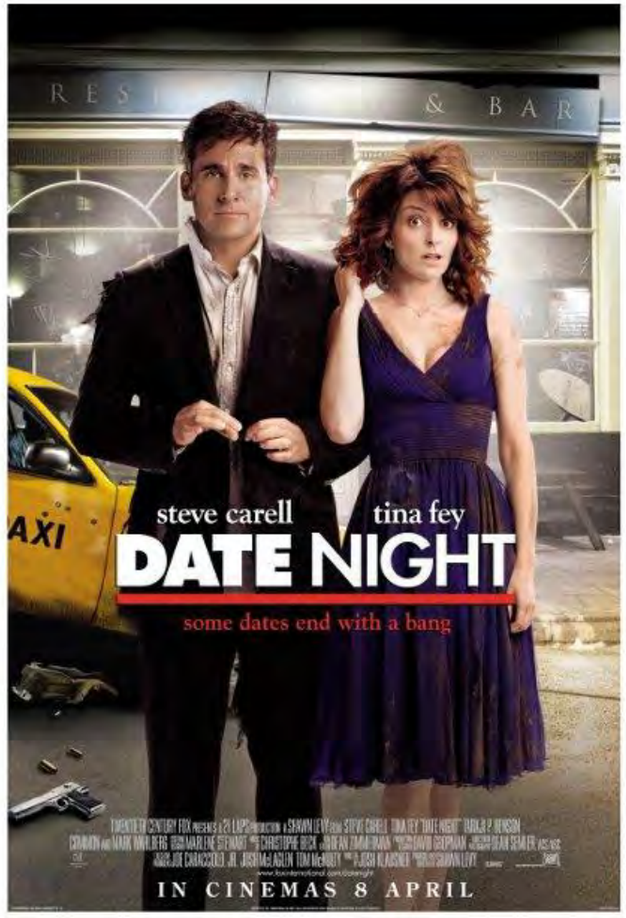


- P[They will not meet] = 25/36
- P[They will meet] = 11/36 = 30.5555%

Movie Trivia

In New York City, a case of mistaken identity turns a bored married couple's attempt at a glamorous and romantic dinner into something more thrilling and dangerous.

Date Night (2010)



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