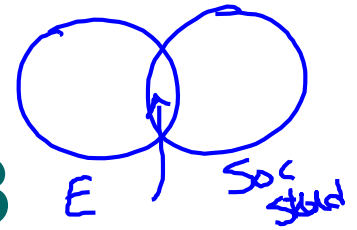


# Tuesday, December 4, 2018



## Warm-up

- Explain what is wrong with these statements:
  - The probability that a student will score high on the AP Statistics exam is 0.43, while the probability that she will not score high is 0.47. *did not 1.0 - all events together should*
  - The probability that a student plays tennis is 0.18, while the probability that he plays basketball is 6 times as great. *18 / 6 = 3.00*
  - The probability that a student enjoys her English class is 0.64, while the probability that she enjoys both her English and her social studies classes is 0.71. *7 1.00*
  - The probability that a student will be accepted by his first choice for college is 0.38 while the probability that he will be accepted by his first or second choice is 0.32. *prob should increase*
  - The probability that a student fails AP Statistics and will still be accepted by an Ivy League school is -0.17. *probabilities cannot be negative*

## ○ MC Practice



# Objectives

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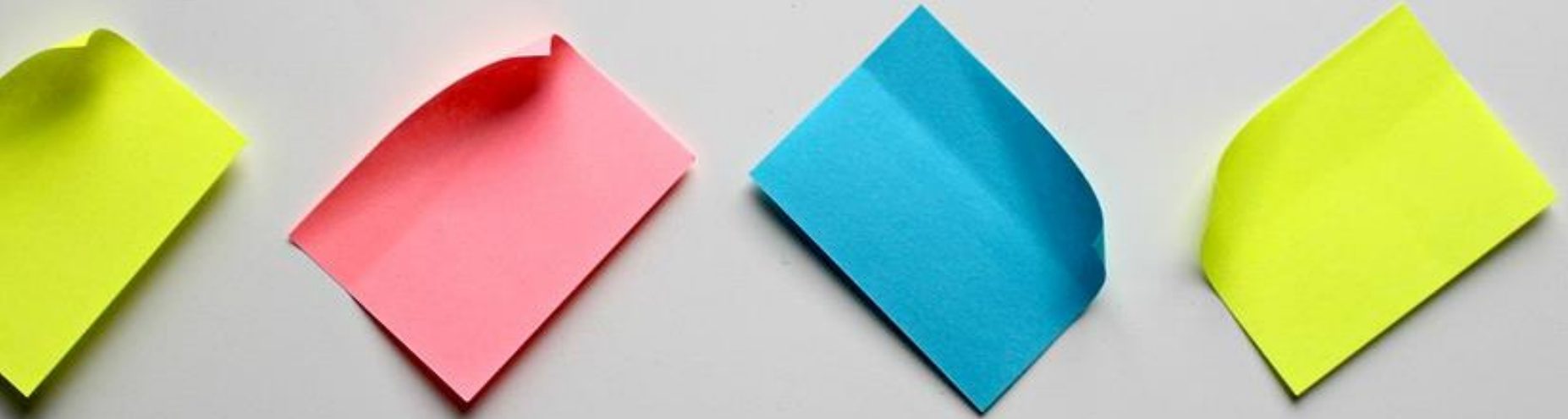
- Content Objective: I will solve problems involving probability.
- Social Objective: I will stay focused to complete as many problems as possible.
- Language Objective: I will use correct vocabulary in discussion problems.

# Warm-up

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- The probability that a student will score high on the AP Statistics exam is 0.43, while the probability that she will not score high is 0.47.
- The probability that a student plays tennis is 0.18, while the probability that he plays basketball is 6 times as great.
- The probability that a student enjoys her English class is 0.64, while the probability that she enjoys both her English and her social studies classes is 0.71.
- The probability that a student will be accepted by his first choice for college is 0.38 while the probability that he will be accepted by his first or second choice is 0.32.
- The probability that a student fails AP Statistics and will still be accepted by an Ivy League school is -0.17.

# MC Practice





# Homework

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