

Friday, May 10, 2019

- Warm-up

- Which would you find more surprising?

A. Flipping a fair coin 10 times and getting all tails

OR

B. Flipping a fair coin 50 times and getting all tails

- Why?

Law of Large Numbers

- Test

Objectives

Content: I will demonstrate my knowledge of the unit through my success on the test.

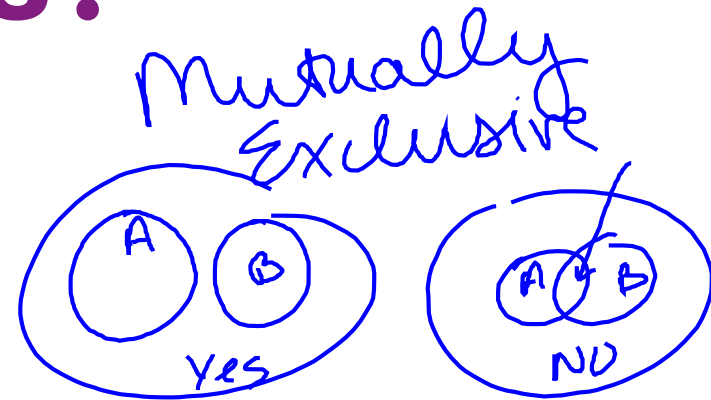
Social: I will be respectful to my classmates so they may be successful.

Language: I will read questions carefully and use clear vocabulary in my solutions.

Questions?

A \rightarrow rolling a 3 \rightarrow not ME
B \rightarrow rolling a prime
 $P(3 \text{ AND prime}) = \frac{1}{6}$

A \rightarrow rolling a 1 \rightarrow are M.E.
B \rightarrow rolling an even
 $P(1 \text{ AND even}) = 0$



no overlap
 $P(A \text{ AND } B) = 0$
yes \rightarrow mutually exclusive

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Test



"I wish we hadn't learned probability 'cause I don't think our odds are good."

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