News from *Stacked Deck*

Lesson 6: The *Stacked Deck* Quiz Game

At school we played the *Stacked Deck* Quiz Game for a fun review and refresher. Here are some questions for your own quiz at home.

Question: If someone says he or she has won money at the casino (or playing bingo, etc.) at least fifty times, what are the possible explanations?

Answer: Either that person is lying, or he or she has also lost at least sixty times.

Question: You flipped a coin and it came up heads 100 percent of the time. How many times did you probably flip it?

c) ten times
d) two times
e) equally likely to be two times or ten times

Answer: (b) two times. The law of averages tells us that the more times something happens, the closer the average result will be to its true odds. It is not unusual to flip a coin twice and to get heads both times. However, it is very unlikely for heads to come up ten times in a row.

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