Table Nu	mber: Group Name:
Group M	embers:
	Binomial or Not?
	of the following cases, state whether or not the process describes a binomial random variable. If it is a binomial, give ie of <i>n</i> and <i>p</i> . Count the number of times a soccer player scores in five penalty kicks against the same goalkeeper. Each shot has a $\frac{1}{3}$ probability of scoring. Circle one of the following, then explain your reasoning. YES, BINOMIAL $n = $ $p = $ NO, NOT BINOMIAL EXPLAIN:
2.	Count the number of times a coin lands heads before it lands tails. Circle one of the following, then explain your reasoning. YES, BINOMIAL $n = $ $p = $ NO, NOT BINOMIAL EXPLAIN:
3.	Draw 10 cards from the top of a deck and record the number of cards that are aces. YES, BINOMIAL $n = $ $p = $ NO, NOT BINOMIAL EXPLAIN:
4.	Conduct a simple random sample of 500 registered voters and record whether each voter is Republican, Democrat, or Independent. YES, BINOMIAL $n = $ $p = $ NO, NOT BINOMIAL EXPLAIN:
5.	Conduct a simple random sample of 500 registered voters and count the number that are Democrats. YES, BINOMIAL $n = $ $p = $ NO, NOT BINOMIAL EXPLAIN
6.	Randomly select one registered voter from each of the 50 US states and count the number that are Democrats.

Randomly select one registered voter from each of the 50 US states and count the numb YES, BINOMIAL n =_____ p =_____ NO, NOT BINOMIAL EXPLAIN:

Reference