Name:	Statistics
Date:	Practice Quiz 4-B
1. For each situation, identify n , r , p , and q if applicable	e, or write "not a binomial experiment."
To be a binomial experiment, there must be a value of p that is the same for every roll, card, etc. a) Two 6-sided dice both roll 5.	b) A 6-sided die and a 10-sided die both roll 5.
c) Three out of five 6-sided dice roll 1, 2, 3, or 6.	d) All five cards drawn are hearts.
<u> </u>	ortles, two squirrels, and one cow. For each of the follow-complete sentence to explain what it represents in this of or with <i>This is the number of ways</i>
b) (5/6) ³ This is the probability of	
c) (§) This is the number of ways	
d) (§)(1/ ₆) ⁵ (5/ ₆) ³ This is the probability of	
3. Claire has a 1-in-3 chance of winning in each round of the following. Show all steps by hand, without usin a) Her first win is on the third round. She loses two rounds and then wins the third.	of rock-paper-scissors. Calculate the probability of each ag decimals or percents in your work or answers. b) Her first win is after the third round. She loses the first three rounds.
c) She wins all three of the first three rounds. She wins three rounds and loses zero rounds.	d) She wins exactly one of the first three rounds. She wins one round and loses two rounds, but not necessarily in that order.
4. Lila rolls seven 4-sided dice. What is the probabilit hand, without using decimals or percents in your wor Calculate $P(3) + P(4) + P(5) + P(6) + P(7)$, or calculate the complement (the probability that no m	