Ian Eggleston

1. Ian, alone
2. 3 red acorns, 2 plain
3. 3/5; 60% chance of selecting a red acorn
4. The probability I grab two red acorns is less likely than just grabbing one. After the first acorn is selected, the probability of another red acorn drops to 50%; but this is if I pick one after another. To select them both at the same time, the probability of two red acorns would go down.
5. 100% chance because there are three red acorns so I would definitely select at least two.
6. 100% chance because if there are three red acorns and I grab them all, then I would have three red acorns.