

Second Handout:**What could go wrong?**

- 1) What are the possible number of handshakes each person in your group could have? What is the biggest and what is the smallest possibility?
- 2) How many possibilities are there, compared to the number of members of your group?
- 3) Can all those possibilities happen at the same time?
- 4) If someone shakes NO hands, does that rule out any other possibilities? What about if someone shakes everyone's hand, does that rule out any possibilities? Try it!