

# The Birthday Problem

**Names of students in your group:**

**Submission:** Each student must submit their answer in PDF form to Moodle by the end of the class. No email submissions are allowed. Google how to convert a Google doc to a PDF if you haven't done it before.

## **Question**

How large must a class be to make the probability of finding two people with the same birthday at least 50%? Let's forget about leap years when we solve this problem (no February 29 birthdays!) This way, we can assume that a year is 365 days long.