## N1a Collatz Conjecture

## Ashley Scurlock Math 361B

March 19, 2019

## Conjectures:

- 1) For and integer n the number of terms it takes to get to one increases by one when n is multiplied by 2.
  - 2) For an integer n, the number of terms it takes  $2^n$  to get to one is n+1.