

# 1 Interesting Points

## 1.1 How long would a cycle theoretically have to be according to *Garner*

- find this length for a couple of known proven numbers
- explain how the process works

## 1.2 Heuristic estimation of the height of $x$ and the conjecture in *Crandall*

- compute this for some large numbers and see what happens
- explore this conjecture a bit

## 1.3 plot or tabulate values

- find stopping times and total stopping times for all ints below 100 and then compare them with the heuristics that the papers provide