Monte Carlo Estimation



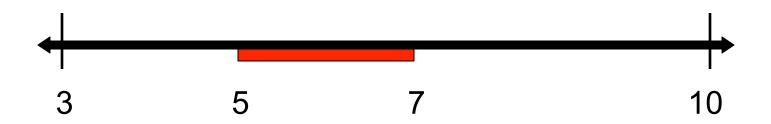


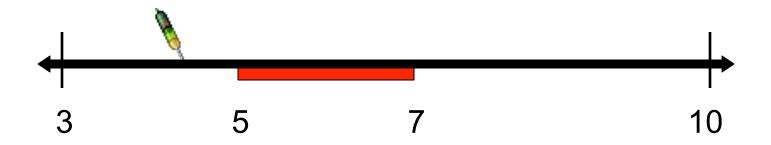


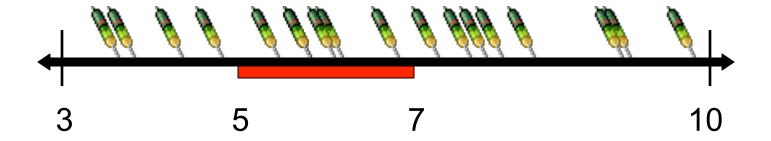


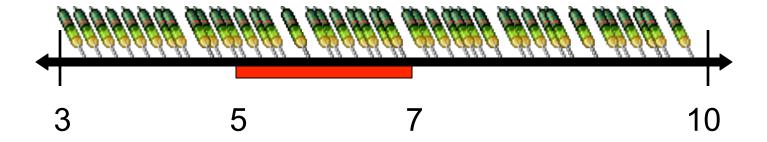
Monte Carlo Methods

- Class of computational methods that use random sampling to estimate results
 - Named after the famous Monte Carlo Casino

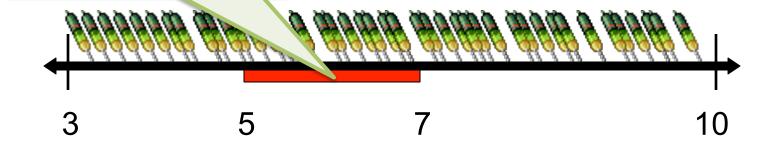




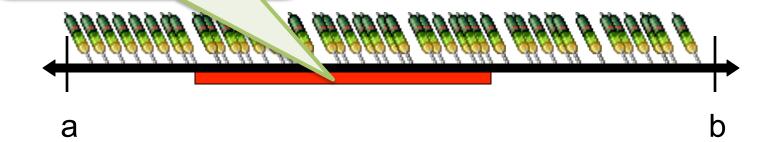




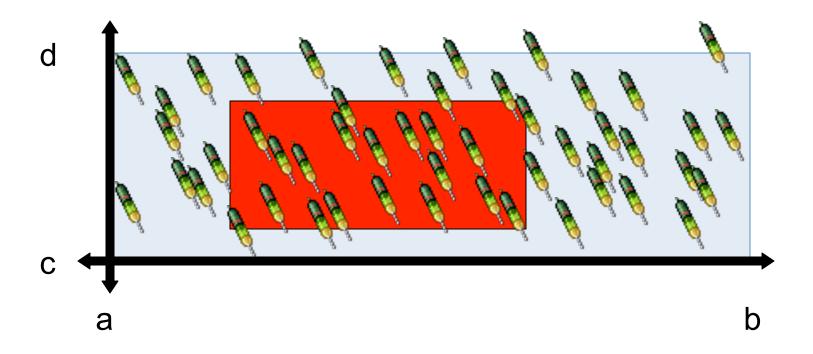
How many of 1000 darts do you expect to land in this red interval?



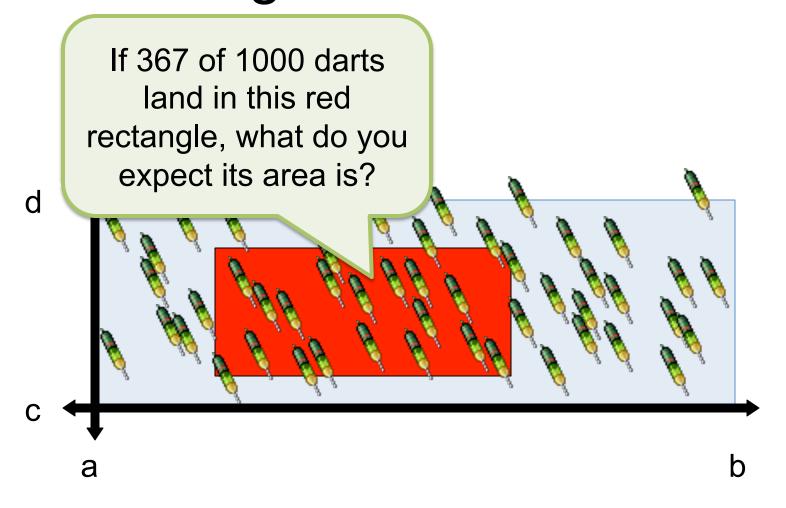
If 459 of 1000 darts land in this red interval, how long do you expect it is?



Throwing Darts: 2D Version



Throwing Darts: 2D Version



Throwing Darts: 2D Version



Throw 1M Darts...

