How many rolls does it take to get all six numbers at least once?

Instructions

> restart:
> with(stats):
> with(statplots):
> die := rand(1..6):

Pen

Repeat

Gather Data

> Gather Data(10000):
> The minimum number of rolls is 6 and the maximum is 65
> The average number of rolls is 14.67
> The median number of rolls is 13
> The standard deviation of the data is 6.24

> Gather Data(100000):
> The minimum number of rolls is 6 and the maximum is 72
> The average number of rolls is 14.68
> The median number of rolls is 13
> The standard deviation of the data is 6.24
> GatherData(1000000)

The minimum number of rolls is 6 and the maximum is 91
The average number of rolls is 14.70
The median number of rolls is 13
The standard deviation of the data is 6.26