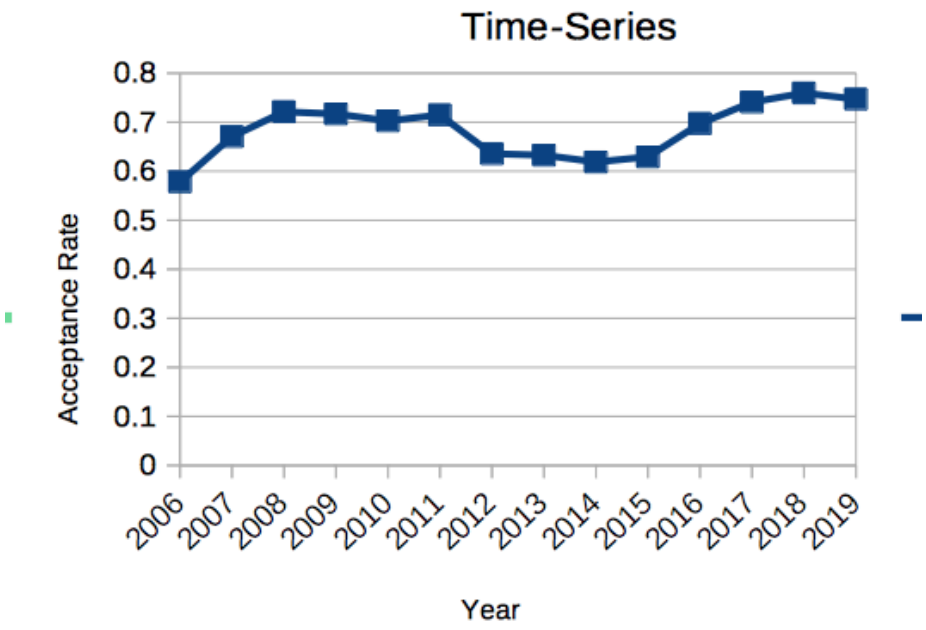
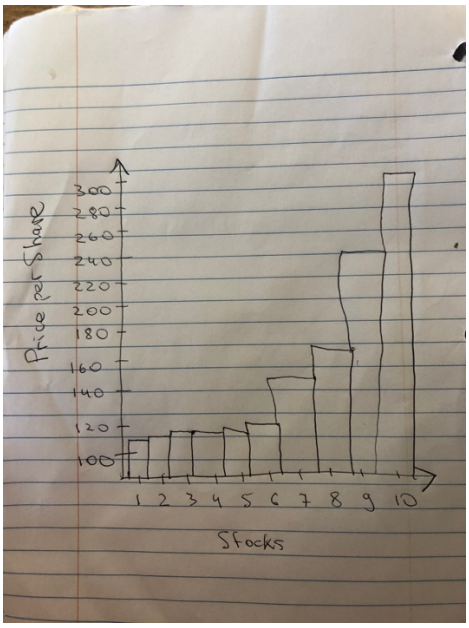
1) A. Sample size :n=10
   B. Mean= 72.2
   C. Standard Dev: 6.675
   D. The experiment took place during the finals when students are extremely overwhelmed(plus coffee makes their hearts go faster than usual), therefore the results should not be generalized to the whole population

2) A. Mean: 425.95
   B. Average Acceptance 0.683%
   C. Stand. Dev of Acceptance Rates: 0.0537
   D.



3)
a) 170.00
b)0.004
c) Standard Dev: 61.96, mean = 153.6
d)I notice a skew to the right



4. A. 0.0027%or
B. 0.00002143%or 1/46656

5. A. 1/256
B. 1/256
C. They have the same probability, so they are equally common

6. a) 0.44$
   b)440$

7.

x	Ngood	p(x)	x*p(x)
0	0	0	0
1	0	0	0
2	0	0	0
3	0	0	0
4	1	0.1	0.4
5	0	0	0
6	3	0.3	1.8
7	6	0.6	4.2
8	0	0	0
9	0	0	0
10	0	0	0

B) Yes, they are guessing randomly, they only have 2 seconds to decide, plus, the distribution of results does not follow any pattern

C) Yes, 0.6 is the value that corresponds to Mean=NP, mean = 6.4