Q1

d

In [1]:
```
import numpy as np
```

In [4]:
```
theta = .4
n = 10000
delta = .1

upper_bound = 2 * np.exp(-2*delta**2*n)
print("upper bound = ", upper_bound)
```

```
upper bound =  2.7677930534733965e-87
```

In [ ]:
```

```