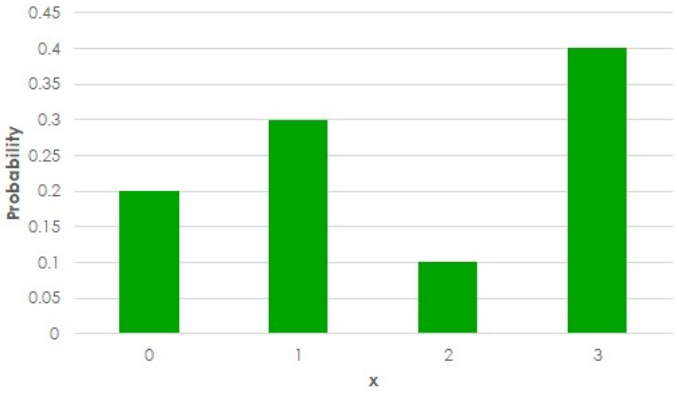
Part 2.2: Reading Probabilities from Tables and Graphs

1. Looking at the graph below, what is the probability



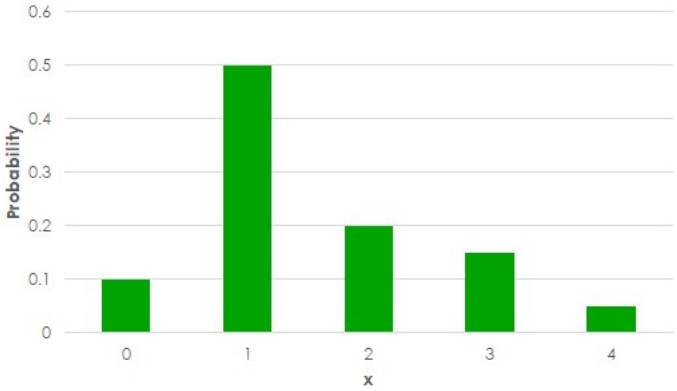
   a. P(X=0)
   b. P(there is exactly one)
   c. There are two or more?

2. Looking at the table below, what is the probability

x	0	1	2	3
P(X=x)	0.5	0.1	0.3	0.1

   a. P(X=1)
   b. P(there is exactly 2)
   c. There is one or less?

3. Looking at the graph below, what is the probability



   a. P(X=3)
   b. P(there is exactly 4)
   c. There is one or more?

4. Looking at the table below, what is the probability

x	0	1	2	3	4
P(X=x)	0.15	0.05	0.3	0.2	0.3

   a. P(X=4)
   b. P(there is exactly 3)
   c. There is 3 or less?

Part 2.2 Answers

1a. 0.2	2a. 0.1	3a. 0.15	4a. 0.3
1b. 0.3	2b. 0.3	3b. 0.05	4b. 0.2
1c. 0.5	2c. 0.6	3c. 0.9	4c. 0.7