

Math 115 - Quiz X

November 6, 2014

Name _____

Score _____

Show all work to receive full credit. Supply explanations when necessary.

1. (1 point) Find the missing probability so that the following table describes a probability distribution.

x	1	4	7	8	10
$P(x)$	0.18	0.21	0.40	?	0.07

2. (2 points) Find the mean of the probability distribution above.

3. (2 points) Find the probability of each path.

