## Math 115 - Quiz X

November 6, 2014

Name_	key		
	J	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.

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

$$\mu = 1(0.18) + 4(0.21) + 7(0.40) + 8(0.14) + 10(0.07)$$

$$= 5.64$$

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

