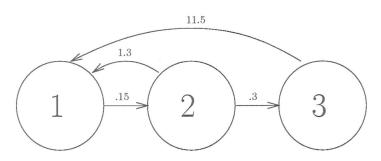
Name:

You must show your work to get full credit.



A species of rodent has three lives three years with its life history summarized in the circle diagram above. (10(13)+5(11.5)=70.5

1. Use this to complete the following table:

. Ose this to complete the following table.					
	$x \backslash t$	0	1	2	100(.15) =15
	1	100	70.5	54	(10(.3) = 3
	2	10	15	10.575	(15)(1.3) + 3(11.5) = 54
	2	5	3	4,5	(70.5)(.15) = 10.575 15(.3) = 45
	0			10	15(-5)

2. What is the total number of rodents in year 1? Total number is \_\_\_\_\_\_ 70.5+15+3 = 88.5

3. What is the percentage in each age group in year 1?

$$\frac{3}{88.5} = .0339$$