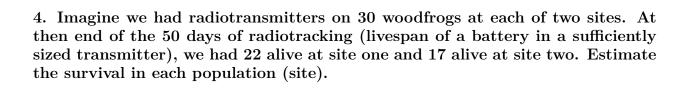
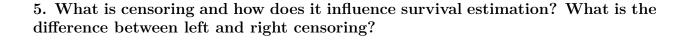
Known Fate Activity

 $Quantitative\ Analysis\ of\ Vertebrate\ Populations$

1. What are the assumptions of known fate models of estimating survival?
2. Desribe three types of data or things that can be estimated with a known fate approach.
3. What are the probability statements for these known fate capture histories of survival? Imagine they are weekly relocations of turtles with radio transmitters
 11110 11111 10 110





6. What does the Kaplan-Meier model attempt to account for relative to the simple estimator of $\hat{S} = \frac{y}{n}$? What are the assumptions of this model?

7.	Calculate t	the surviv	al rates	for	each	\mathbf{decade}	${\bf from}$	Frostburg,	MD	cemetery
dat	a (on canva	as). Use t	he femal	les p	re-19	50.				

8. What are things you're unsure about in this chapter? Think about how you would sent up a known fate study. What are things you would like clarified further before starting your study?