Biology 4605 / 7220 Worksheet - Single variable – Random or Fixed?	Name Yr2021 Extension of Yr2020 A3
2. Transition from crawling to walking occurs over a period of weeks. Does the reported age at which babies first walk depend on the person doing the scoring? Design a study to investigate this for one of the control groups.	
 2a. Choose one of the control groups and give a reaso (1) 12 minute/day of unstructured exercise; — /e (2) no exercise and a weekly parental report; — n (3) no exercise and a single parental report at the en 	aast requirements, most information
2b. Several scorers need to be hired. As well, a certa assigned to each scorer. Increasing the number of scor number of babies. Assuming a similar number of babie up study, make an allocation of babies to a defined number of babies.	ers costs more than increasing the ies (approximately 24) in the follow
Number of scorers1	
Number of babies/ scorers _24	1
Total babies24	24
Describe how you chose this allocation. 2 babies 12 sauvers - largest sample, largest cost 8 babies 3 scovers - minimum sample, laart cost	
Complete the listing of variables table, for the follow-	
Age A Respons	ory Type (NOIR) Rand/Fixed Re Ratio Ory Nominal Either
2c. Scorers: Random or fixed factor? Justify your choice. Random - infer to pape	
Fixed - in fer only to scovers in the study	
same scovers for long term study	
2d. Write a GLM, using A for age, and your symbol for the explanatory variable [5]	
A = B + R 5 + 5	