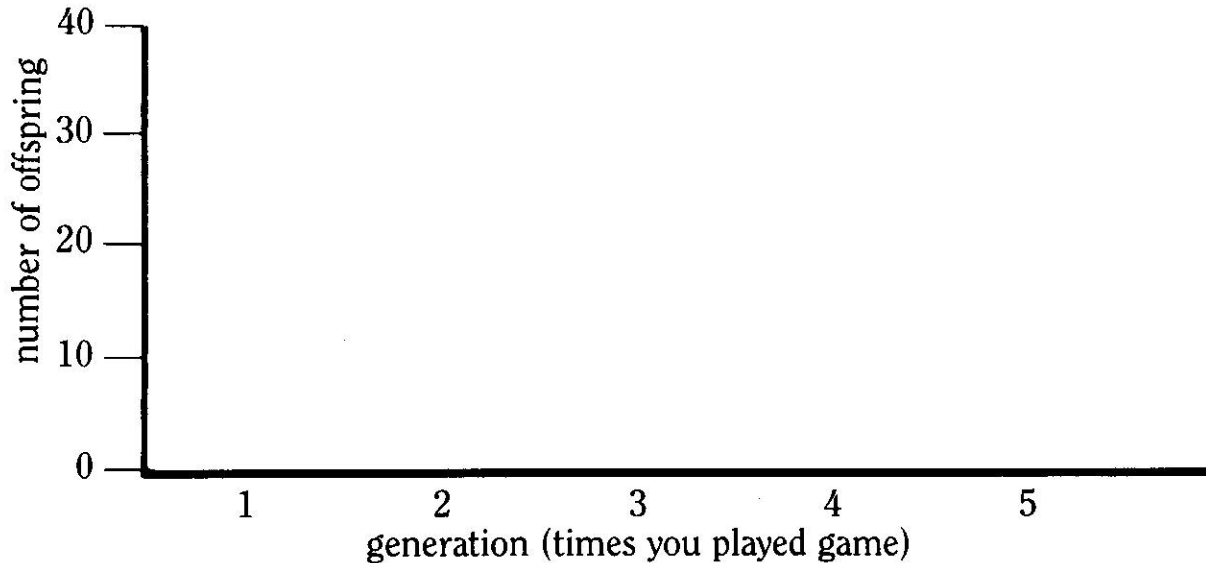

ACTIVITY 28

Name _____

COMPETING FOR FOOD

Graph the number of zooplankton offspring you got each time you repeated the game.



Calculate the average number of offspring in the population by adding the numbers from each generation together and then dividing by the number of generations you had.

The average number of offspring was _____.

Draw a line across the graph to show the average. How do the actual numbers compare to the average?

What change could you make in the game that would make the number of offspring go up?

DATA SHEET FOR ACTIVITY 28

Generation number _____

adults getting this number	number of food items captured	number of offspring each has	total offspring these have
_____	fewer than 9	none	0
_____	9, 10 or 11	1	_____
_____	12 or 13	2	_____
_____	more than 13	3	_____
Number of parents _____ number of offspring in next generation _____			

Generation number _____

adults getting this number	number of food items captured	number of offspring each has	total offspring these have
_____	fewer than 9	none	0
_____	9, 10 or 11	1	_____
_____	12 or 13	2	_____
_____	more than 13	3	_____
Number of parents _____ number of offspring in next generation _____			

Generation number _____

adults getting this number	number of food items captured	number of offspring each has	total offspring these have
_____	fewer than 9	none	0
_____	9, 10 or 11	1	_____
_____	12 or 13	2	_____
_____	more than 13	3	_____
Number of parents _____ number of offspring in next generation _____			

POND FOOD WEB

