Name _____

Meeting Animals' Needs

Procedure and Observation

1. Choose an animal. Write its name above the chart. Begin with a population of 10 animals.

2. Roll the die five times in a row. Record each roll in the first row of the "Numbers Rolled" column. A 1 or 2 gives your animals food, 3 or 4 gives them water, and 5 or 6 gives them shelter. If your animals get all three, 1 offspring is born. If your animals do not get all three, 1 member of the population dies. After each round, record the number of animals in your population.

3. After 10 rounds, compare the sizes of the animal populations in each round.

Type of Animal _____

Round	Numbers Rolled	Needs Met	Births or Deaths	Size of Population
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

Conclusions

4. What happens to a group of animals if their needs are not met?

_____

5. What happens to a group of animals if their needs are met?

_____