

Lynx Eats the Hare Data Table

Generation of Hares	Number of Lynx	Number of Hares	Hares Eaten	Hares Remaining	Lynx Starved	Lynx Surviving	Lynx Offspring
1	1	3					
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Lynx Tally Sheet

Note: Lynx must Capture three hares to survive.

Lynx #	Hares Captured	Lynx Survives (Yes or No)

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Post-Lab Questions

1. Based on the results, describe the relationship between the hare and lynx populations.
2. What would happen to the hare population if the lynx became extinct?
3. What would happen to the lynx population if the hare became extinct?
4. List at least three other factors that may influence the lynx and hare populations.
5. What would most likely happen to the vegetation in a given area during times of low hare populations?