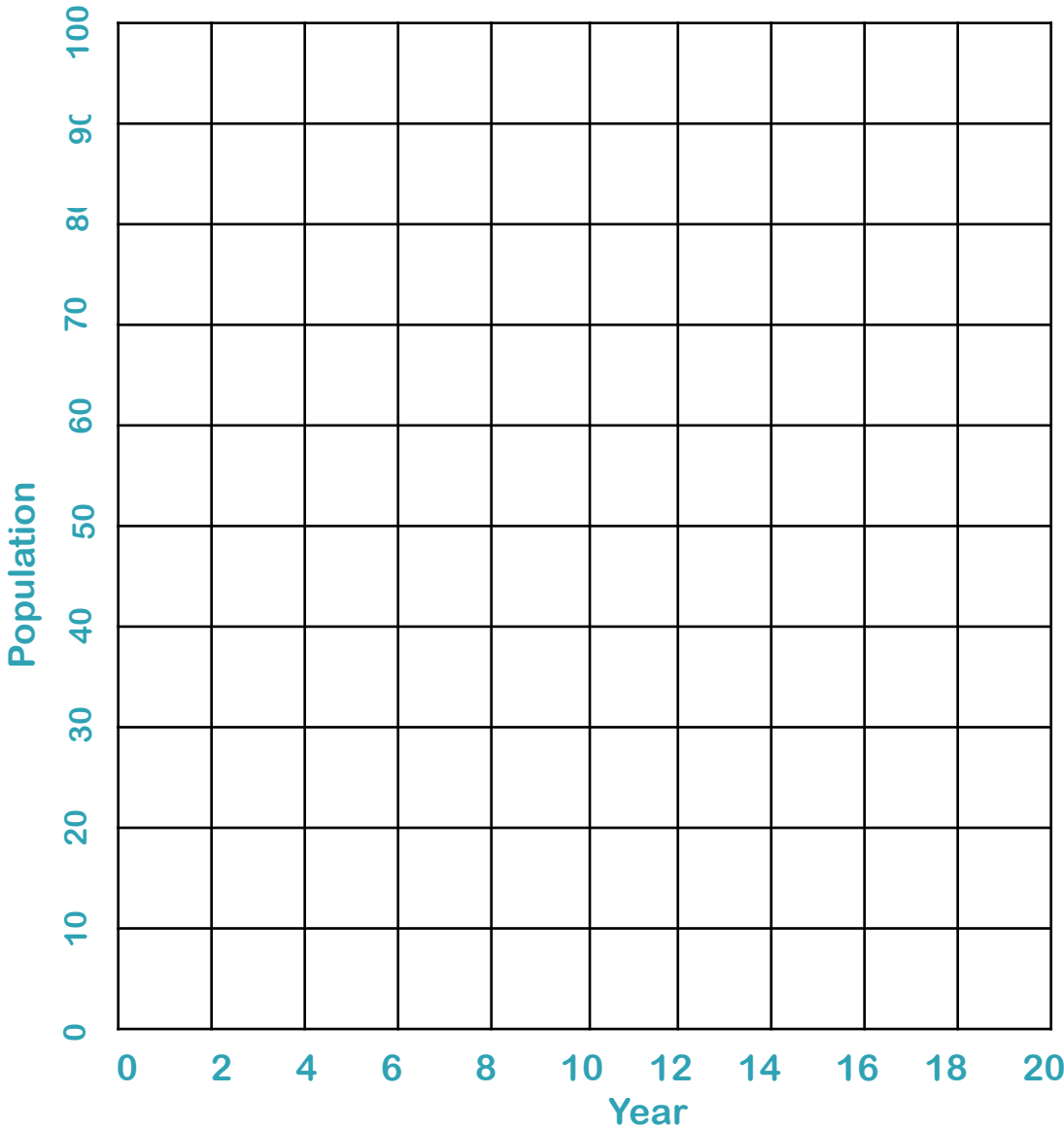




Know about the balance of nature.

Plot a graph to show the amount of show-shoe hares and lynx for each year. What deductions can you make about the number in each year - is there a correlation?



**Stretch:**  
Explain the correlation between the number of show-shoe hares and lynx in each year.

**Challenge:**  
Accurately plot the graph showing the number of show-shoe hares and lynx in each year.



year	0	2	4	6	8	10	12	14	16	18	20
population of lynx	2	4	10	12	6	4	2	12	12	4	2
population of snowshoe hare	20	55	65	75	55	5	15	50	65	45	25



Know about the balance of nature.

What deductions can you make about the number in each year - is there a correlation?

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When the population of the lynx increases or decreases explain the reasons why you think this has happened?

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When the population of the snowshoe hare increases or decreases explain the reasons why you think this has happened?

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Why is it important for scientists to gather data which monitors the balance of nature?

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**Stretch:**  
Explain the correlation between the number of show-shoe hares and lynx in each year.

**Challenge:**  
Accurately plot the graph showing the number of show-shoe hares and lynx in each year.

