**Doodle Sheet:** 

**Population Dynamics of Isle Royale**

|  |  |  |
| --- | --- | --- |
| A. What do you know? | B. How has the population changed? (Sketch your answer on *the blank graph* and then describe it here.) | |
| C. What’s going on with the wolf population? What patterns do you notice?  Factors you think might contribute to the ups and downs in the numbers of wolves:  Questions you have or other data you’d like to see:  *Add other ideas from the class:* | | D. Main ideas from readings: |
| E. What’s going on with the moose population? Factors you think might contribute to the ups and downs in the numbers of moose:  *Add other ideas from the class:* | | |



**Isle Royale Moose Survival Data**

***Round 1***

|  |  |  |  |
| --- | --- | --- | --- |
| **Starting Population** | **# born** | **# died**  *(Adults and babies)* | **End of Year Population** |
|  |  |  |  |



|  |  |  |  |
| --- | --- | --- | --- |
| **Starting Population** | **# born** | **# died**  *(Adult and babies)* | **End of Year Population** |
|  |  |  |  |
|  |  |  |  |

***Overall Class Results***

|  |  |  |  |
| --- | --- | --- | --- |
| **Starting Population** | **# born** | **# died**  (Adult and babies) | **End of year Population** |
|  |  |  |  |

F. Thinking about moose...

Years covered by our group’s chosen section of the graph: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Describe pattern:

Our one specific change to the game:

*Explain how* the change would create the pattern:

|  |  |
| --- | --- |
| G. What fundamentally determines population change? | H. Our class model: |
| I. How our model helps us to answer our driving question:  *Add other ideas from the class conversation:* | |