

Graphing Exercise:

I. Graph the class data from last week's elephant seal populations activity, on the "graph paper" provided (next page).

II. This can be followed with the questions below as a discussion or worksheet.

Look at the graphs to answer the questions.

1. Which population had the higher population after generation 1?
2. Which population had the higher population after generation 3?
3. a) Could you do both graphs on the SAME set of axes?
b) If you did, how would you tell them apart?
c) Why would you ever want to do this?

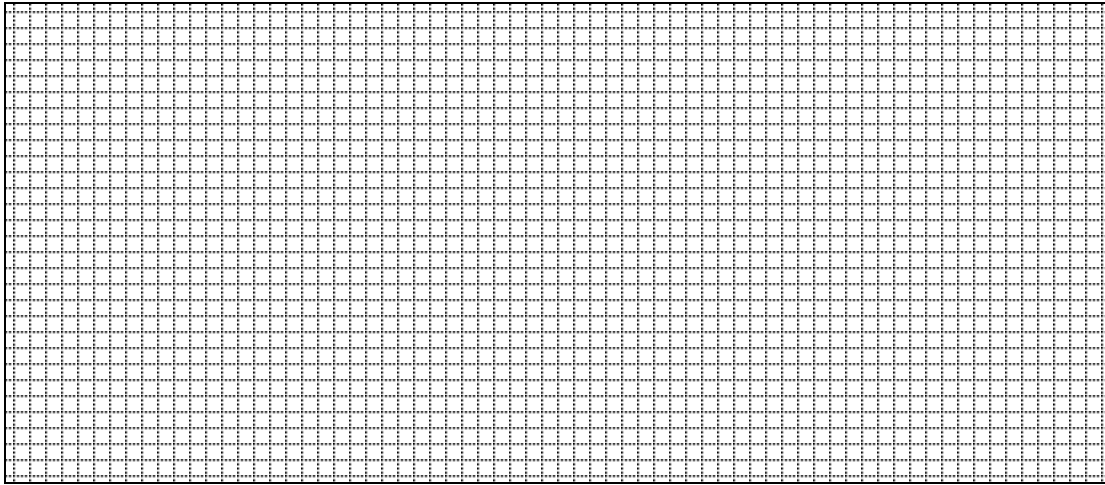
4. Based only on the graphs, predict (make a hypothesis about) the population after a 4th generation for

Population 1: _____ Population 2: _____

5. Based only on the graphs, predict (make a hypothesis about) the population the year BEFORE we took our data for the first year, for:

Population 1: _____ Population 2: _____

Group 1: PROTECTED group	
Generation number	Final population after breeding
1	14
2	25
3	31



Group 2: Unprotected group	
Generation number	Final population after breeding
1	18
2	25
3	28

