

# Pika Population Growth Table

Name: \_\_\_\_\_

Teammates: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

Habitat Type: \_\_\_\_\_

Generation	Number of Pikas
1	
2	
3	
4	
5	

1. How does color of the habitat affect the ability of a pika to avoid predation?

\_\_\_\_\_  
\_\_\_\_\_

2. Was there a trend (pattern) in your population size from generation 1 through 5? If so, what do you predict the population size will be at generation 10?

\_\_\_\_\_  
\_\_\_\_\_

3. If eagles need to eat 15 pikas out of each generation to survive, would the eagle in your group have survived? \_\_\_\_\_

4. What would happen if the following environmental factors changed:

Annual temperature \_\_\_\_\_

Annual rainfall \_\_\_\_\_

Amount of time sunlight fell on the area \_\_\_\_\_

Different soil type \_\_\_\_\_

Ratio of animal to plant life \_\_\_\_\_