

Name: _____

The Petri Dish!

Part 2

Experiment with new rules for growth. Determine a rule for the population growth of each critter.

Critter 1

Rule?

Day	Population
1	1
2	
3	
4	
5	
6	
7	
8	

Critter 2

Rule?

Day	Population
1	1
2	
3	
4	
5	
6	
7	
8	

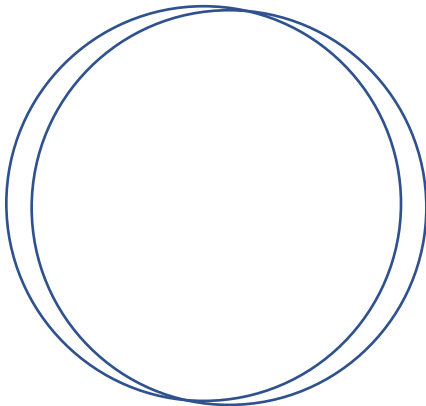
Critter 3

Rule?

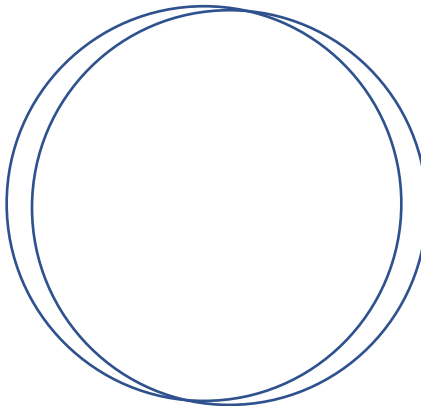
Day	Population
1	1
2	
3	
4	
5	
6	
7	
8	

Show the growth of the total population over time!

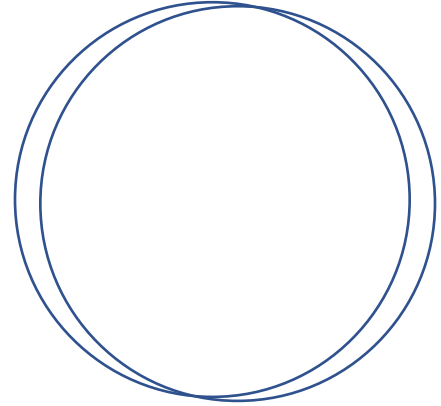
Day 1



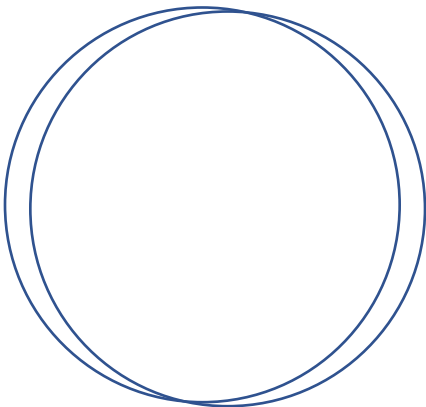
Day 2



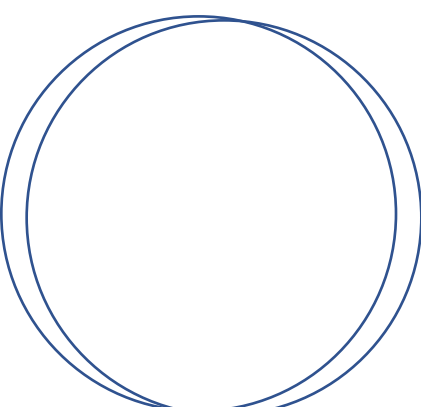
Day 3



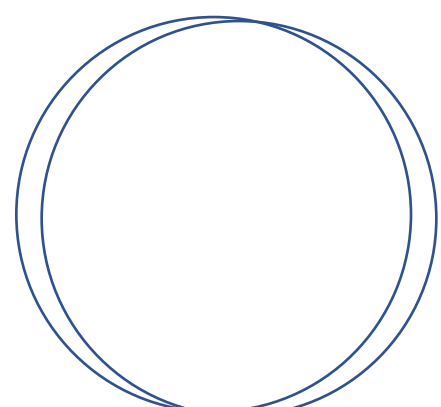
Day 4



Day 5

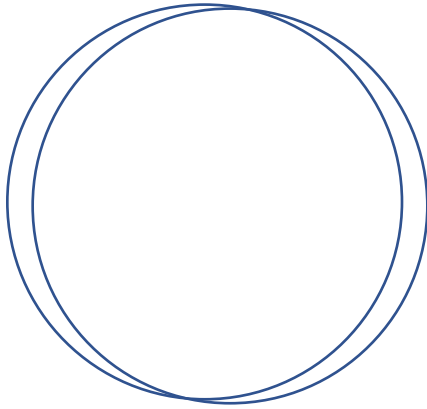


Day 6

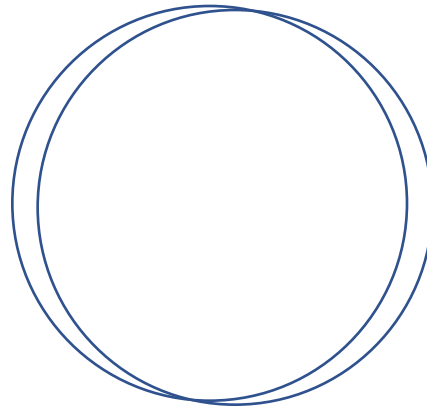


Name: _____

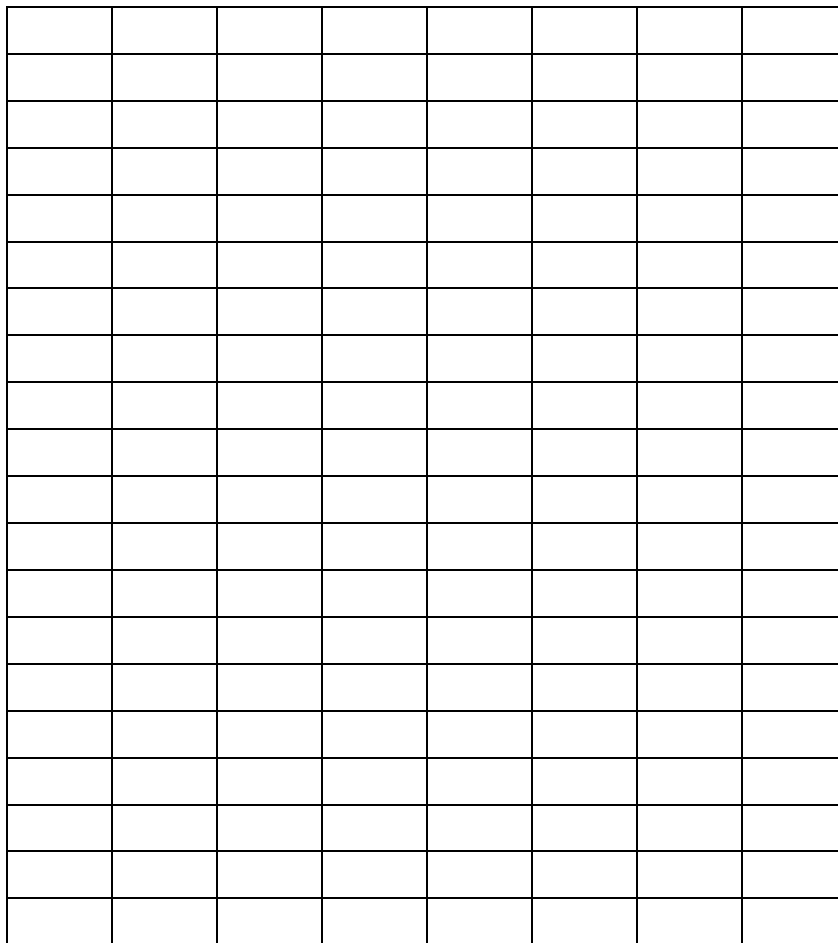
Day 7



Day 8



Make a line graph showing the population growth of the three critters. Make sure your graph is clear and complete:



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Now it is time to make sense of the percentage of each critter over time:

	Total Population:	Critter 1		Critter 2		Critter 3	
		Fraction	Percent	Fraction	Percent	Fraction	Percent
Day 1							
Day 2							
Day 3							
Day 4							
Day 5							
Day 6							
Day 7							
Day 8							

Describe any patterns that you notice: