

Experiment 9 : From caterpillar to butterfly Date: _____

Objective: _____

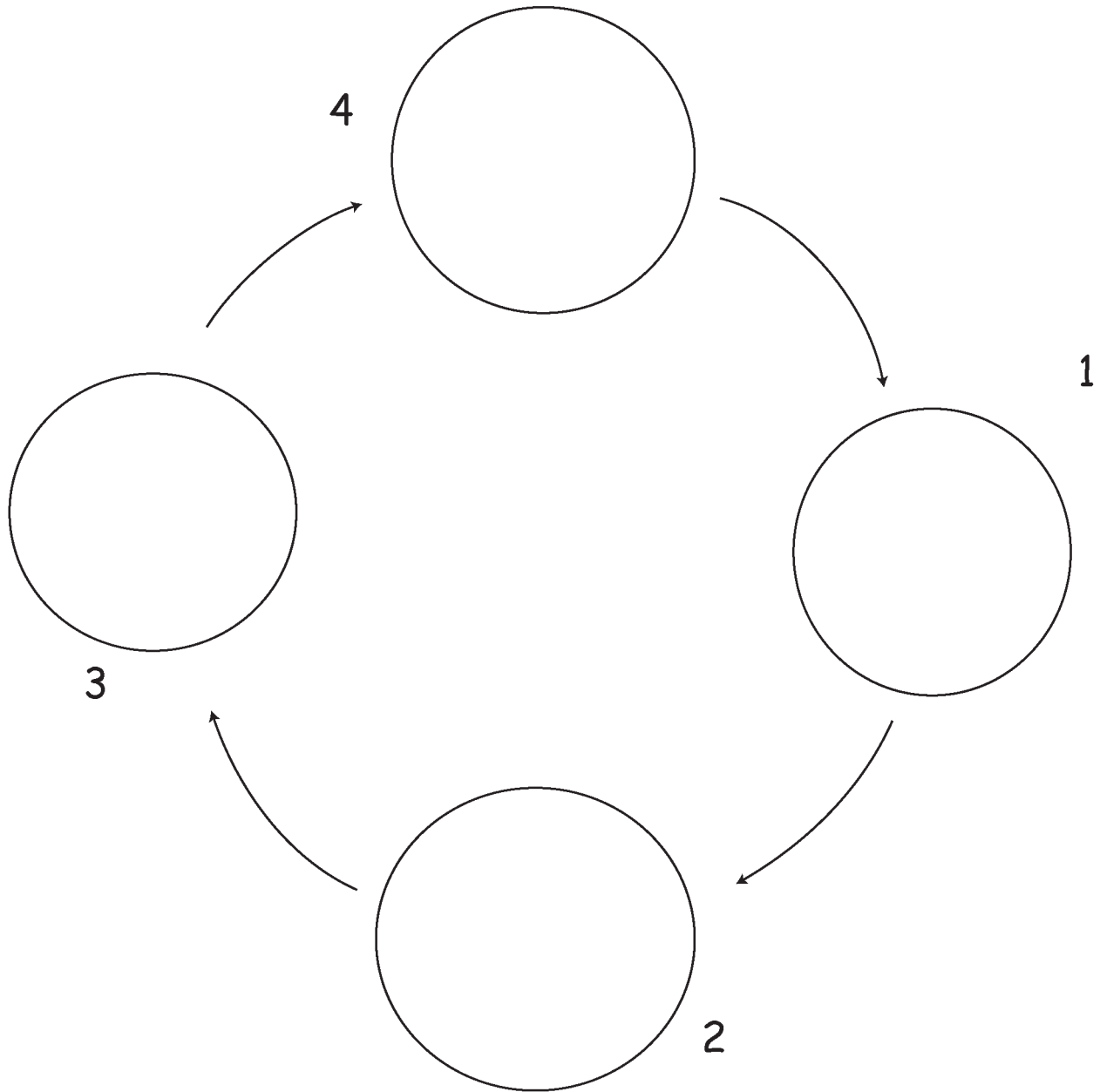
Hypothesis: _____

Materials:
 caterpillar or butterfly kit
 small cage

Experiment:

1. Follow the directions on the butterfly kit for proper care of your caterpillar or provide food for your local caterpillar.
2. Fill out the life cycle chart on the page 47.
3. Over the course of the next several weeks, observe any changes your caterpillar undergoes.
4. Record how much food your caterpillar eats.
5. Record how many times the caterpillar molts.
6. Record where the caterpillar spins its chrysalis.
7. If you can observe the caterpillar emerging, record how long before it can fly.

Draw the various stages in the life cycle of a butterfly,



Results:

Week	Amount of food eaten	Molting?	Other observations
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			

Conclusions:

Review

Define the following terms:

lepidoptera _____

larval stage _____

molting _____

pupal stage _____

chrysalis _____

imago _____
