

Name _____ Date _____

Directions: Read each question carefully and choose the best answer.

1. About how many types of insects are there?
 - (a) 800,000
 - (b) 10,000
 - (c) 1,000,000
 - (d) 8,500
2. Each insect starts life as _____.
 - (a) an adult
 - (b) a nymph
 - (c) an egg
 - (d) a pupa
3. Why do butterflies lay their eggs underneath leaves?
 - (a) The caterpillars can hide when they come out of the eggs.
 - (b) The eggs are protected from the wind.
 - (c) The new caterpillars will have leaves to eat.
 - (d) none of the above
4. **Metamorphosis** means _____.
 - (a) growing
 - (b) changing shape
 - (c) hatching
 - (d) life cycle
5. Which one is **not** part of the three-stage life cycle?
 - (a) egg
 - (b) nymph
 - (c) adult
 - (d) larva
6. What is something insect larvae do that benefits people?
 - (a) suck sap from roots
 - (b) produce silk threads
 - (c) eat vegetables
 - (d) eat wool clothing
7. At which stage does the insect eat the most food?
 - (a) nymph
 - (b) adult
 - (c) egg
 - (d) larva
8. Which insect spends part of its life cycle as a nymph?
 - (a) dragonfly
 - (b) caterpillar
 - (c) moth
 - (d) beetle

Name _____ Date _____

Directions: Read each question carefully and choose the best answer.

9. Which statement is **not** true of insects?
- (a) They have three body parts.
 - (b) They have eight legs.
 - (c) They lay eggs.
 - (d) Most insects can fly.
10. What is a **life cycle**?
- (a) a large circle
 - (b) the length of time an insect lives
 - (c) the changes an animal goes through in its life
 - (d) the stage when an insect becomes a larva
11. **Extended Response:** On the back of this sheet, describe the life cycles of a dragonfly and a butterfly.