

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

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9. Which statement is **not** true of insects?
- Ⓐ They have three body parts.
  - Ⓑ They have eight legs.
  - Ⓒ They lay eggs.
  - Ⓓ Most insects can fly.
10. What is a **life cycle**?
- Ⓐ a large circle
  - Ⓑ the length of time an insect lives
  - Ⓒ the changes an animal goes through in its life
  - Ⓓ 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.