

Name: _____ Date: _____

Quiz: Insect Metamorphosis

1. What does the word *metamorphosis* mean? _____

2. Both complete and incomplete metamorphosis have a _____ stage.

- A) hibernation
- B) pupa
- C) larval
- D) pregnant

3. Why do insects need to molt in order to grow? _____

4. Use the information below to determine whether a praying mantis goes through complete metamorphosis or incomplete metamorphosis:

Praying mantises begin their lives as an egg. When they are born, they are small, wingless, and look similar to ants. They grow to their full size over the course of about six months, molting several times. After each molt, they look more like their parents and less like an ant. After their final molt, most mantises have wings and are often a different color than when they were nymphs.

Do praying mantises undergo complete metamorphosis, or do they undergo incomplete metamorphosis? Explain your answer.
