

Insect Metamorphosis Worksheet

Watch the YouTube Video on Metamorphosis and answer these questions as you watch.

YouTube – Bexar Entomology

1. Insects are covered in an _____.
2. In order to get bigger, insects have to _____ their skin.
3. The definition of metamorphosis is _____
_____.
4. There are _____ different types of metamorphosis that insects can have.
5. No metamorphosis is also called _____.
6. Insects with ametamorphosis only have _____ life stages and have no
_____ as adults.
7. Paurometabolous insects have _____ life stages. An _____,
_____ and _____.
8. Circle the insects that are hemimetabolous:

Crickets	Lice
Beetles	True Bugs
Dragonflies	Stoneflies
Bees	Butterflies
9. Hemimetabolous insects have _____ life stages. An _____,
_____ and _____.

10. What is the difference between Hemimetabolous and Paurometabolous?

11. Circle the insects that are hemimetabolous:

Crickets

Mayflies

Beetles

True Bugs

Dragonflies

Stoneflies

Bees

Butterflies

12. If an insect lives in water and has an incomplete lifecycle we call the second stage a

_____.

13. If an insect lives on land and has a gradual lifecycle, we call the second stage a

_____.

14. Holometabolous insects have _____ life stages called the _____,
_____, _____, and _____.

15. Circle the insects that are holometabolous:

Butterflies

Flies

Walkingsticks

Moths

Fleas

Wasps

True Bugs

Lice

16. The four type of metamorphosis are: _____,
_____, and _____.

17. Match the metamorphosis name to the correct lifecycle name/description:

Ametabolous	Gradual Metamorphosis/Lifecycle
Paurometabolous	No Metamorphosis
Hemimetabolous	Complete Metamorphosis/Lifecycle
Holometabolous	Incomplete Metamorphosis/Lifecycle

18. Which type of metamorphosis produces adults that are never winged?

19. Which lifestage is non feeding and inactive?