

Name: _____

Going Buggy

by Guy Belleranti

Your friend sees a beetle, spider or centipede moving along the ground getting closer... closer and screams, "Eeek! Look at that bug!" But what is a *bug*? How are beetles, spiders and centipedes alike? How are they different?



How They Are Alike

Arthropods



~ PREVIEW ~

Please log in or register to download the printable version of this worksheet.

ation.

insects. Spiders are arachnids. Centipedes are myriapods.

etles are

Insects have six legs and three body sections or segments. Their body sections are the head, the thorax (or middle section) and the abdomen. Insects also have one pair of antennae, and most have wings. In addition to beetles, insects also include butterflies, grasshoppers, ladybugs, flies, crickets, ants, bees, wasps, roaches, stink bugs, praying mantises and more. In fact, there are at least a million different kinds of insects in the world, and maybe a lot more than that. New species are still being discovered all the time. You could live to be over two thousand seven hundred years old and see a different kind of insect every day and still not see them all!

Arachnids have eight legs and two body sections or segments. Their body sections are the cephalothorax (the head and middle section joined into one) and the abdomen. Sometimes these two sections are joined so they look like only one section. Arachnids have

no antennae and no wings. In addition to spiders, arachnids also include scorpions, mites, ticks and harvestmen. What are harvestmen? Another name for the daddy longlegs. That's right, the daddy longlegs is not really a spider.

Myriapods have more than eight legs and more than three body sections or segments. They also have one pair of antennae and no wings. The most well known myriapods are centipedes and millipedes.

Centipedes have one pair of legs per body section and millipedes have two. Most myriapods have anywhere from 20 to 400 legs. And one rare species of millipede has up to 750 legs. Good thing they don't have to wear shoes!



So the next time someone says, "Look at that bug!", see if you can tell if it's an insect, arachnid or myriapod.



~ PREVIEW ~

Please log in or register to download
the printable version of this worksheet.

A promotional banner for a preview of a worksheet. It features a cartoon superhero character in a red suit and blue cape flying through the air. The word "PREVIEW" is written in large, bold, red letters with a black outline, flanked by decorative red swooshes. Below this, the text "Please log in or register to download the printable version of this worksheet." is displayed in a smaller, black font.

Guy Bellerar
comes main

his article

Name: _____

Going Buggy

by Guy Belleranti



1. What do arachnids, insects, and myriapods have in common?
- a. They are all six-legged animals.
 - b. They all have jointed legs.
 - c. They are all types of spiders.
 - d. They all have antennae.

2. Tell whether each bug is an arachnid, insect, or myriapod. Write A, I, or M on each line.

ant - _____

scorpion - _____

centipede - _____

tick - _____

3. Acco



4. The author says that one rare species of millipede has up to 750 legs. Which sentence below says the same thing?
- a. One rare species of millipede has up to 325 pairs of legs.
 - b. One rare species of millipede has up to 375 pairs of legs.
 - c. One rare species of millipede has up to 425 pairs of legs.
 - d. One rare species of millipede has up to 475 pairs of legs.

5. What is an exoskeleton?
- _____

Name: _____

Going Buggy

by Guy Belleranti



Match each vocabulary word from the article with the correct definition.

_____ 1. segments

a. able to be bent; able to be moved at a joint

_____ 2. antennae

b. ten hundreds

_____ 3. abdomen

c. ten thousand hundreds

_____ 4. thorax



~ PREVIEW ~

Please log in or register to download the printable version of this worksheet.

arachnid

_____ 6. thousand

f. middle body section of an insect

_____ 7. million

g. front body section of an arachnid

_____ 8. jointed

h. long, thin body parts on the heads of some bugs

- ◆ **Now try this:** On a sheet of lined paper, use each vocabulary word from above in a sentence.

Name: _____

Going Buggy

by Guy Belleranti



In the article, "Going Buggy" you learned about insects, arachnids, and myriapods.

Think of a species of bug that you have seen before. Draw a picture of it. Then, tell whether it is an insect, arachnid, or myriapod. Tell how you know.

A large, empty rectangular box intended for the student to draw a picture of a bug.



~ PREVIEW ~

Please log in or register to download
the printable version of this worksheet.

A large, empty rectangular box intended for the student to draw a picture of a bug.

ANSWER KEY

Going Buggy

by Guy Belleranti



1. What do arachnids, insects, and myriapods have in common? **b**
- a. They are all six-legged animals.
 - b. **They all have jointed legs.**
 - c. They are all types of spiders.
 - d. They all have antennae.

2. Tell whether each bug is an arachnid, insect, or myriapod. Write A, I, or M on each line.

ant - **I**

scorpion - **A**

centipede - **M**

tick -

3. Acco

Centi
body



~ PREVIEW ~

Please log in or register to download the printable version of this worksheet.

gs per

4. The author says that one rare species of millipede has up to 750 legs. Which sentence below says the same thing? **b**
- a. One rare species of millipede has up to 325 pairs of legs.
 - b. **One rare species of millipede has up to 375 pairs of legs.**
 - c. One rare species of millipede has up to 425 pairs of legs.
 - d. One rare species of millipede has up to 475 pairs of legs.

5. What is an exoskeleton?

a hard outer skin

ANSWER KEY

Going Buggy

by Guy Belleranti



Match each vocabulary word from the article with the correct definition.

- | | |
|---------------------------|---|
| d 1. segments | a. able to be bent; able to be moved at a joint |
| h 2. antennae | b. ten hundreds |
| e 3. abdomen | c. ten thousand hundreds |
| f 4. thorax | |
| g 5. cephalothorax | |
| b 6. thousand | f. middle body section of an insect |
| c 7. million | g. front body section of an arachnid |
| a 8. jointed | h. long, thin body parts on the heads of some bugs |



~ PREVIEW ~

Please log in or register to download
the printable version of this worksheet.

arachnid

- ◆ **Now try this:** On a sheet of lined paper, use each vocabulary word from above in a sentence.