



SeaWorld/Busch Gardens Invertebrates

K-3 Classroom Activities

The Incredible Invertebrate Counting Book

OBJECTIVE

The student will define invertebrate. The student will answer various questions about invertebrates that result in numeric answers and place the answers in numerical order.

ACTION

1. Explain that the students will be creating an invertebrate counting book and define an invertebrate as follows: Invertebrates are animals without backbones.
2. Hand each student a copy of the *My Incredible Invertebrate Counting Book* and inform students that the pages are out of order.
3. Instruct students to answer the questions listed on each page. All the questions will result in a numerical answer. Based on the numerical answer, the students will sequence the pages in numerical order.
4. Students may color the pages when the book is placed in the correct order. The pages may be bound by placing three staples along the top or left hand side. The answers may be checked using the Answer Key.

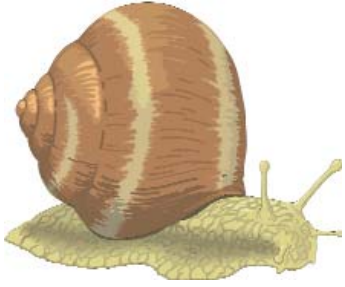
MATERIALS

- one copy of *My Incredible Invertebrate Counting Book* per student
- crayons and pencils
- one Answer Key below per class

NOTE: When collating the copies of *My Incredible Invertebrate Counting Book* place pages out of order. Students will be sequencing them in numerical order.

ANSWER KEY

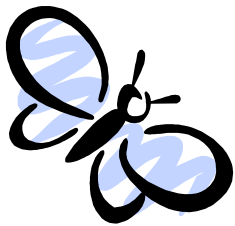
How many bones does an invertebrate have? **0** How many stingers does a bumblebee have? **1** How many antennae does a butterfly have? **2** How many segments does an ant have? **3** How many wings does a dragonfly have? **4** A scorpion has **5** tail segments plus one stinger. How many legs does a praying mantis have? **6** How many spots does this ladybug have? **7** How many legs does a tarantula have? **8** How many invertebrates do you see on this page? **9** (NOT turtle, raccoon, giraffe or snake) How many walking legs does a lobster have? **10**



My



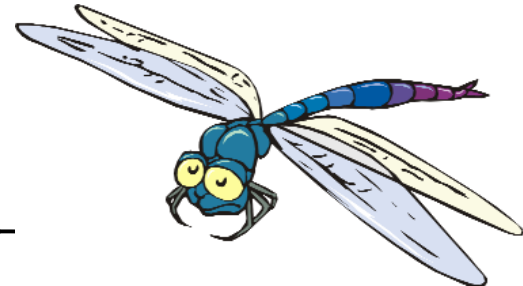
Incredible Invertebrate Counting Book



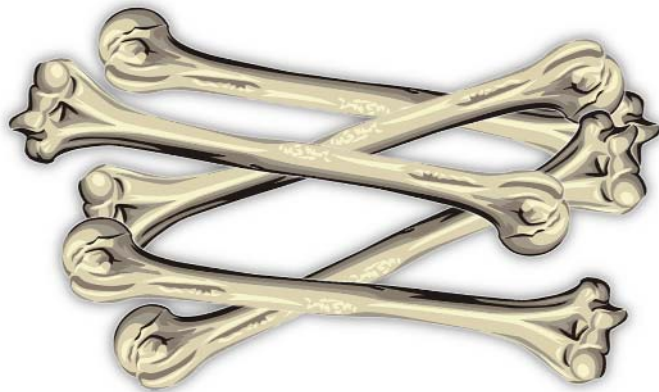
Book



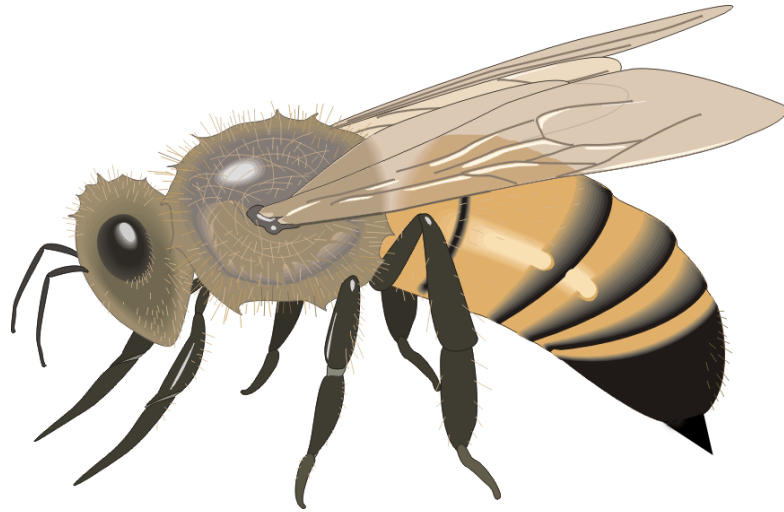
Name: _____



How many bones
does an
invertebrate have?



How many stingers
does a bumblebee
have? _____



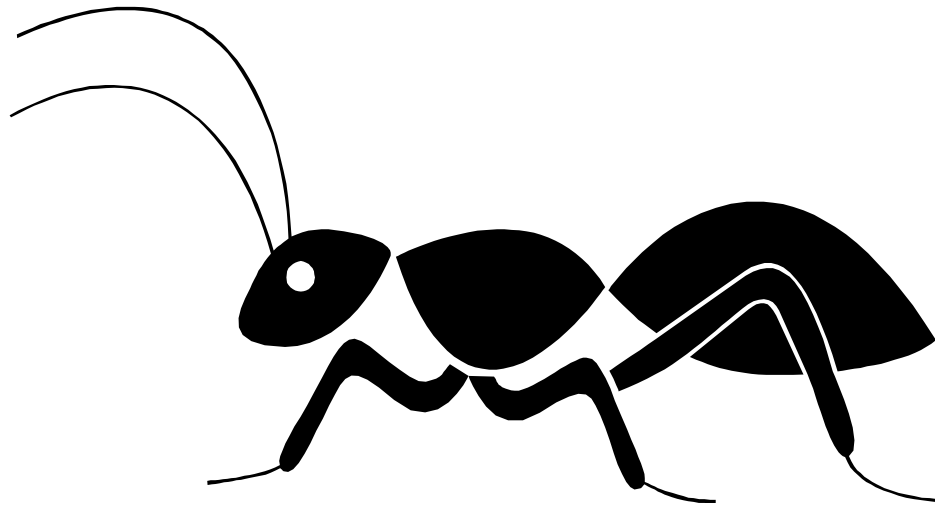
A bumblebee uses its
stinger to protect itself
and its hive

How many antennae
does a butterfly
have? _____



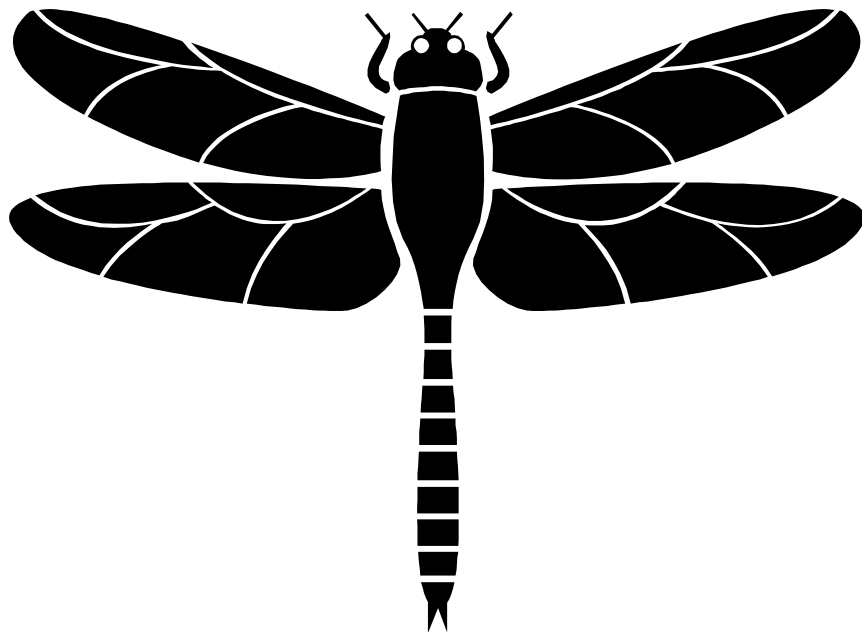
Butterflies use their antennae
to enhance their sense of
smell and balance.

How many body segments does an ant have? _____



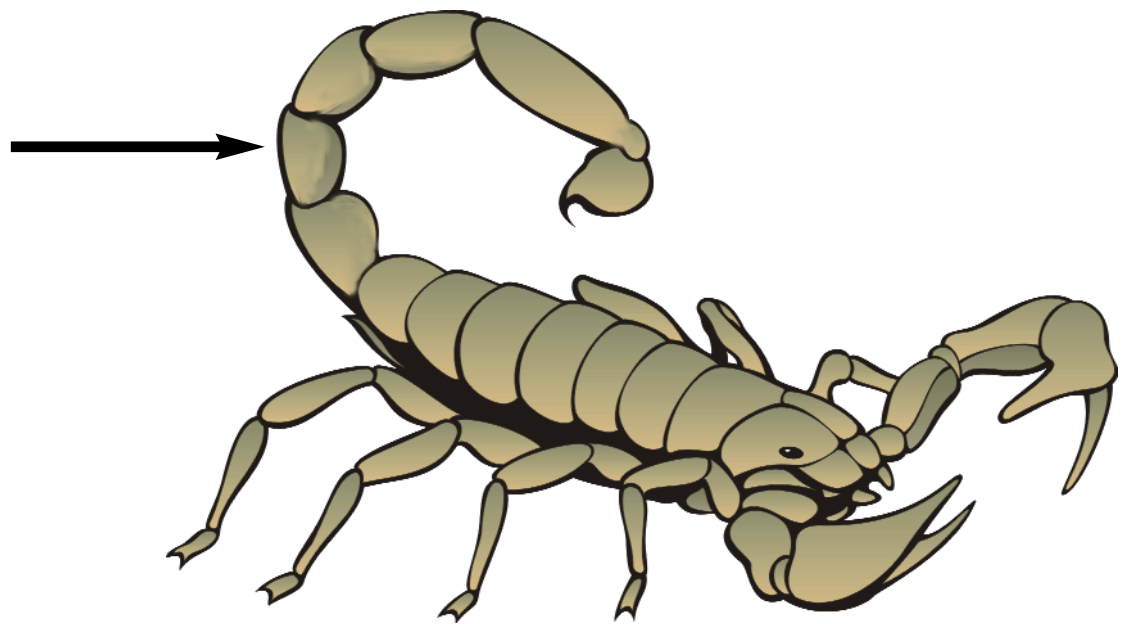
Ants are very strong because they can carry materials that are up to 20 times their body weight.

How many wings
does a dragonfly
have? _____



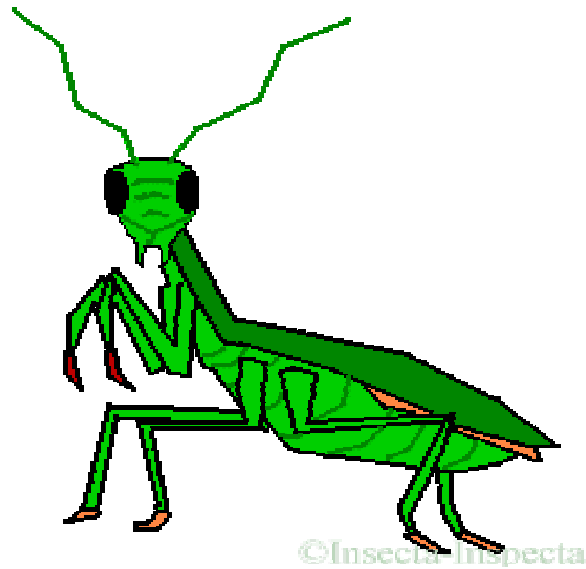
A dragonfly can hover in mid-air, like a helicopter.

A scorpion has _____
number of tail segments
plus one stinger



Scorpions can find one another
in the dark. They glow blue or
green under ultraviolet light.

How many legs does
a praying mantis
have? _____



Praying mantises have a hollow chamber within their bodies that allow them to detect their main predator, bats.

How many spots does this ladybug have?



Ladybugs have a special way
of chewing. Ladybugs chew
side to side, not up and down
like we do.

How many legs does a tarantula have?



Tarantulas can make silk. They use the strong, thin threads of silk to line their burrows and make egg cocoons.



crab



raccoon



ant

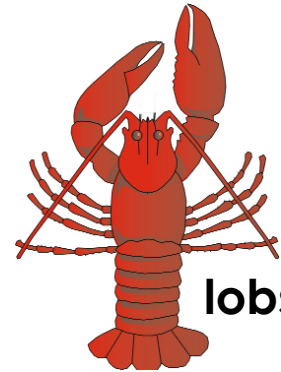


giraffe

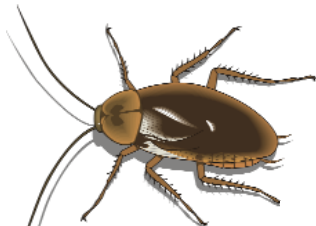
Circle the invertebrates on this page. How many do you see?



earthworm



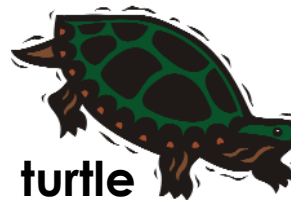
lobster



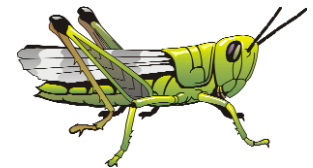
cockroach



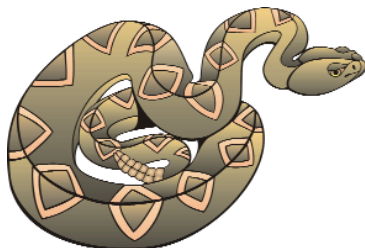
ladybug



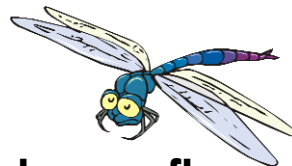
turtle



grasshopper



snake



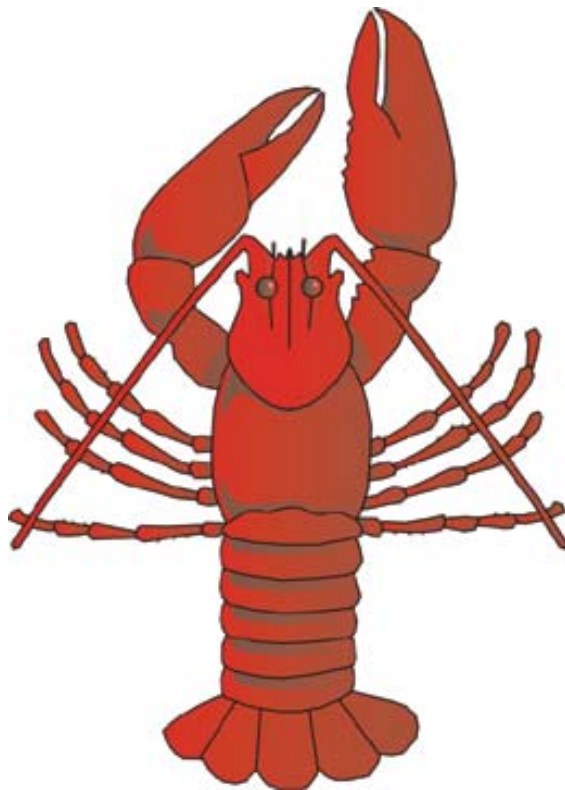
dragonfly



seastar

How many walking legs does a lobster have?

Hint: Two of them are modified for feeding.



There are not only red
lobsters, but green, blue,
yellow, and even white as well.