

Science Mid-Term Quiz

Read each question carefully and answer to the best of your ability.

Which of the following groups of animals are NOT vertebrates?

An animal without a backbone is called a

Two invertebrate groups that are arthropods include

What is the hard outer covering of arthropods called?

The outer covering protects the animal's body and gives it

How many body segments do spiders have?

How many body insects do insects have?

A _____ is the time from birth to adult life.

How many stages are included in complete metamorphosis (mosquito lifecycle)?

How many stages are included in incomplete metamorphosis (roach lifecycle)

_____ are special features of animals that allow them to survive in their environment.

What is the name of the adaptation when an animal acts or sounds like another animal?

What is the name of the adaptation when an animal changes its color, shape or pattern to blend in with its environment?

Choose the adaptation of each of the following animals.

iguana

zebra

butterfly

bear

Which system is responsible for taking air into the body when we breathe?

Air enters the body through the nose or _____?

In the lungs, air goes into tiny air sacs called _____.

What is the name of the dome shaped muscle used in breathing.

What is the main organ of the respiratory system?

Which gas is taken into the body when we breathe?

Which system works along with the respiratory system during breathing or respiration?

The _____ system is responsible for all of the activities in the body.

The brain acts like a _____ that control's the body's function.

Which bone protects the brain?

Where is the spinal cord located in the body?

Read each statement below. Select from the numbers 1,2 and 3 to order the process of how the nervous system works.

_____ The brain sends signals to different parts of the body.

_____ The brain receives information from other parts of the body.

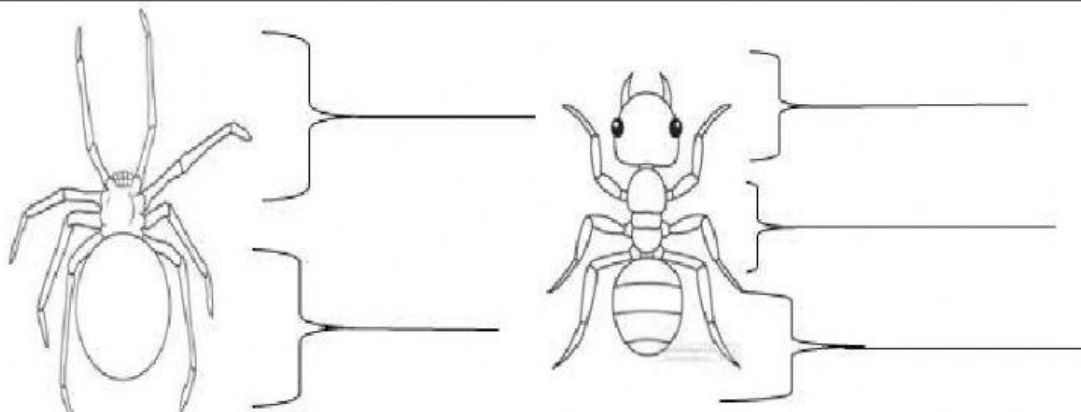
_____ The nerves form a network throughout the body.

Use the words in the box to label the parts of the spider and the parts of the insect. You may use words more than once.

head

thorax

abdomen



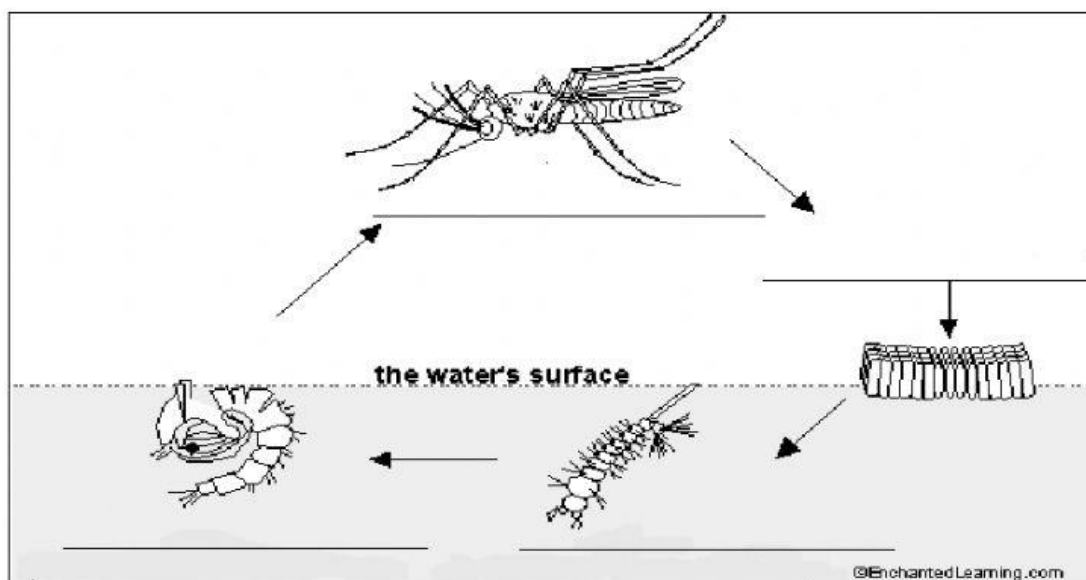
Drag and drop the words in the box to label the lifecycle of a mosquito.

egg

larva

pupa

adult



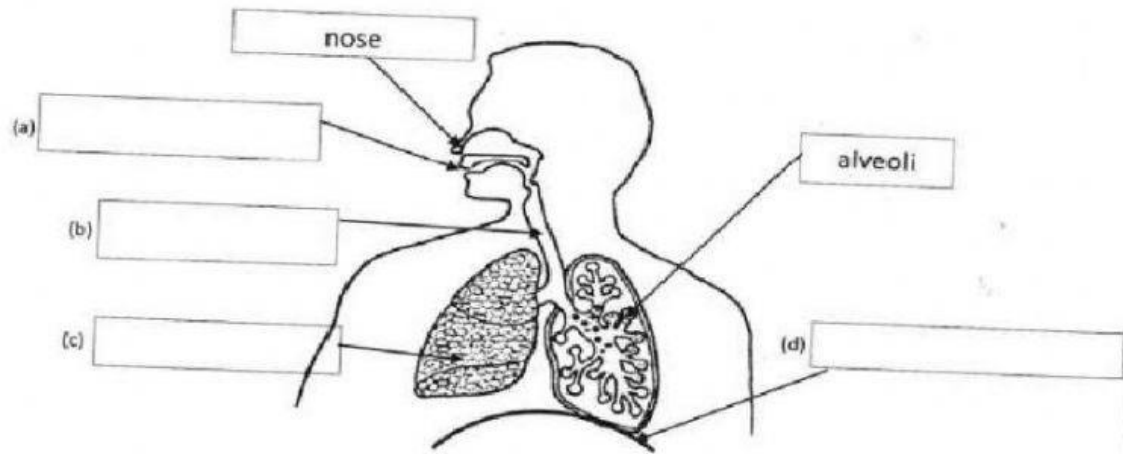
Drag and drop the words in the box to label the parts of the respiratory system.

diaphragm

lungs

mouth

windpipe



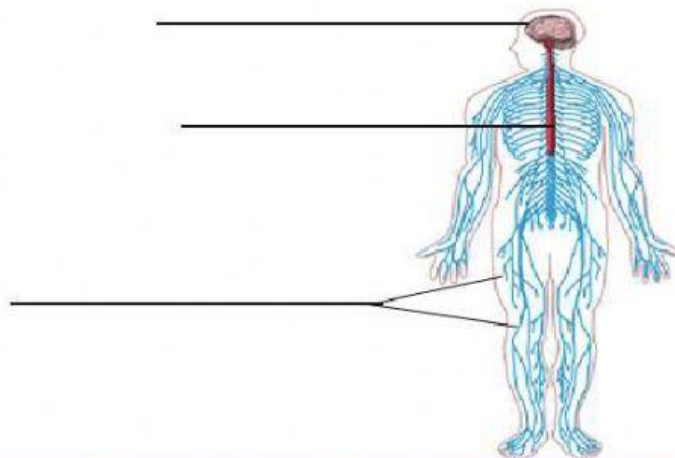
Drag and drop the words in the box below to label the parts of the nervous system.

nerves

brain

trachea

spinal cord



Select true or false.

Food poisoning is an illness that results in vomiting and diarrhea.

It is not important for us to wash our hands before we touch food.

Using unclean toilets and not cleaning up after ourselves is good sanitation.

You should always keep your garbage bin uncovered and use the same bag again once it is full.

It is very important to store food properly so that it does not get contaminated.

We should not use water for drinking or cooking that has not been properly treated.

When water is contaminated that means it is unsafe for drinking.

We can prevent food poisoning by allowing germs to get in our food and drinks.

It is important that food we eat and drink are safe.

If germs such as harmful microorganisms get into our food, we may get food poisoning.