

Phylum Arthropoda Characteristics

Arthropods are animals that have jointed legs. Three-fourths of all the different animal types belong to this group. For each group below, determine the name of the group and provide 2-3 examples of members in that group.

Class or Subphylum	Characteristics	Examples
	round, segmented body two pairs of legs per segment also known as myriapods "thousand feet"	
	flattened, segmented body one pair of legs per segment also known as myriapods "hundred feet"	
	hard, flexible exoskeleton gills branched antennae two body sections - abdomen & cephalothorax mostly aquatic	
	two body sections - abdomen & cephalothorax no antennae four pairs of legs chelicerae and pedipalps spinnerets	
	three body sections one pair of unbranched antennae three pairs of legs mandibles	

1. When I'm scurrying, fast and fleet,
I seem to have a thousand feet.
When I slow down, it's evident
I have just four on each segment

Who am I? _____

2. My exoskeleton never grows
Even though I do
And so I have to take it off
To grow one bigger and new.

What is this process? _____

3. When I come out of an egg
I look like a worm with legs.
But someday - wait and see -
An adult insect I'll be.

What am I? _____

4. We're crustaceans, arachnids, and millipedes
We're also insects and centipedes.
We're famous for our legs that are jointed
Guess who we are, or we'll be disappointed.

Who are we? _____

5. Feelers, mouth parts, legs, or wings
We can be any of these things.

What are we? _____

6. I'm body part number three
If you start from the head
Though belly's a common name for me,
There's a fancier name instead

What is the fancier name? _____



7. My body has three main parts,
An abdomen, thorax, and head
I often fly to get around
Or I use my six legs instead.

Who am I? _____

8. Lobsters, crabs, and crayfish are we,
We often make our homes in the sea.
We have five pairs of legs to walk
And eyes often perched atop a stalk.

Who are we? _____

9. We're long and thin.
We're used so much.
When arthropods taste, hear or touch.

What are we? _____



10. Some people think we're scary
things
We're kind of like insects, but we never have
wings
Our body parts number two, not three
We're not usually harmful if you let us be.

What are we? _____

11. First egg, then larva, then pupa --
Everything gets rearranged,
As step by step I become an adult
And my body's completely changed.

What is this process? _____

12. Lenses, lenses everywhere.
One lens here and one lens there.
We're found on crayfish, found on flies.
We're a very special kind of eyes.

What are we? _____

WORDBANK:

millipede
arthropods
insect

appendages
larva
compound eyes

molting
metamorphosis
chelicerates

crustaceans
abdomen
antennae