

Name: _____

Date: _____

Life Science

Period: _____

Invertebrates – *Arthropods*

Unidentified (Flying) Arthropods!

Key to Arthropod Classification

Draw a line from the arthropod's picture to its class.
Write the name of the class on the line next to the picture.

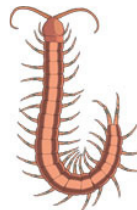
ARACHNIDS

- No wings
- No antennae
- 1 or 2 body segments
- 8 legs (4 pairs)



CRUSTACEANS

- No wings
- 2 pairs of antennae
- 2 body segments
- 10 or more legs



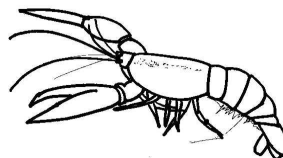
MILLIPEDES

- No wings
- 1 pair of antennae
- Many body segments
- 2 pairs of legs per body segment
- Rounded body



CENTIPEDES

- No wings
- 1 pair of antennae
- Many body segments
- 1 pair of legs per body segment
- Flat body



INSECTS

- None, 1 or 2 pairs of wings
- 1 pair of antennae
- 3 body segments (head, thorax and abdomen)
- 6 legs (3 pairs)



Answer the questions at each station to help you identify the class to which the arthropod belongs.

STATION 1	STATION 2	STATION 3
Does it have wings? _____	Does it have wings? _____	Does it have wings? _____
Number of antennae: _____	Number of antennae: _____	Number of antennae: _____
Number of legs: _____	Number of legs: _____	Number of legs: _____
Number of body segments: _____	Number of body segments: _____	Number of body segments: _____
Arthropod class: _____	Arthropod class: _____	Arthropod class: _____
STATION 4	STATION 5	STATION 6
Does it have wings? _____	Does it have wings? _____	Does it have wings? _____
Number of antennae: _____	Number of antennae: _____	Number of antennae: _____
Number of legs: _____	Number of legs: _____	Number of legs: _____
Number of body segments: _____	Number of body segments: _____	Number of body segments: _____
Arthropod class: _____	Arthropod class: _____	Arthropod class: _____
STATION 7	STATION 8	STATION 9
Does it have wings? _____	Does it have wings? _____	Does it have wings? _____
Number of antennae: _____	Number of antennae: _____	Number of antennae: _____
Number of legs: _____	Number of legs: _____	Number of legs: _____
Number of body segments: _____	Number of body segments: _____	Number of body segments: _____
Arthropod class: _____	Arthropod class: _____	Arthropod class: _____
STATION 10	STATION 11	STATION 12
Does it have wings? _____	Does it have wings? _____	Does it have wings? _____
Number of antennae: _____	Number of antennae: _____	Number of antennae: _____
Number of legs: _____	Number of legs: _____	Number of legs: _____
Number of body segments: _____	Number of body segments: _____	Number of body segments: _____
Arthropod class: _____	Arthropod class: _____	Arthropod class: _____