

Names: _____

PART 1

DIRECTIONS:

1. At stations 1-5, start at step 1 on the dichotomous key at each station. Follow the steps on the key until you get to the name of an animal. Then write down the animal's name on the species line.
2. Review the phyla characteristics, below, and decide which phyla the animal belongs to.
3. You may do the stations in any order.

STATION 1

Species: _____

Phylum: _____

STATION 2

Species: _____

Phylum: _____

STATION 3

Species: _____

Phylum: _____

STATION 4

Species: _____

Phylum: _____

STATION 5

Species: _____

Phylum: _____

PART 2

Directions: At your table, use the phyla descriptions to list each of the animals shown on the cards under the correct phyla.

Phylum Matching

Echinodermata	Mollusca	Cnidaria	Arthropoda

Invertebrate Phyla Descriptions

Cnidaria – soft bodies & stinging cells on tentacles; radial symmetry – like a pizza 

Arthropoda – exoskeleton; molt; segmented bodies and jointed appendages; regrow lost appendages; bilateral symmetry – like a person 

Echinodermata – rough, spiny skin; tube feet; mesodermal skeleton; regenerate lost limbs; water vascular system; pentaradial symmetry - like a five-pointed star 

Mollusca – soft body with a large muscle, a mantle, and radula; usually has 1 or 2 shells