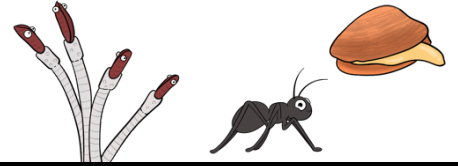











NAME: _____

1. Name *four* general characteristics of animals.



Instructions: This chart contains 9 animal phyla from the video. Please complete and be sure to watch the video if needing to define any of these characteristics. Some of the boxes have already been completed for you as an example.

Note: These characteristics are in *general* for the phylum *and* exceptions can exist.

Phylum:	Example:	Body Plan Symmetry?	Cephalization?	Coelom?	Protostome or Deuterostome?	Additional Facts or Characteristics [at least 2]
Porifera	2.	3.	ABSENT 	4.		5.
Cnidaria	6.	PRESENT, radial 	7.	8.		9.
Platyhelminthes	10.	11.	12.	13.	Protostome 	14.
Nematoda	Pinworm 	15.	16.	17.	18.	19.
Mollusca	20.	21.	22.	23.	24.	They have a muscular foot, mantle, and many have a shell. 
Annelida	25.	PRESENT, bilateral 	26.	27.	28.	29.
Arthropoda	30.	31.	32.	PRESENT 	33.	34.
Echinodermata	35.	PRESENT, Bilateral in larvae, radial in most adults 	36.	37.	38.	39.
Chordata	40.	41.	PRESENT 	42.	43.	44.

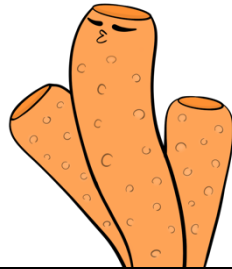




NAME: _____

Questions below refer to the animal phyla from the chart you completed, and the video addresses all topics mentioned below.

45. Why was “protostome or deuterostome” not given as an option for Porifera and Cnidaria in the chart?



46. Which three phyla named in the chart contain animals that generally only have **1 gut opening**?

47. Which three phyla named in the chart contain animals that are generally **segmented**?

48. Some of the phyla in the chart contained animals that have **cephalization**. What is cephalization?



49. Some of the phyla in the chart contained animals that have a true **coelom**. What is a coelom and what is at least one function of it?

50. List at *least* 4 characteristics that animals in Chordata have in common.



51. Which phylum in the chart would be the one that can contain **vertebrates**?

52. Can the phylum you named in the previous question #51 also contain **invertebrates**?

53. You find a terrestrial worm that is segmented. It has little bristles on its body that you learn are called setae.

Which phylum from the chart is this animal likely in?

54. You are learning about a legless amphibian known as the caecilian. It has vertebrae and a worm-like appearance.

Which phylum from the chart is this animal likely in?

55. You observe a “pill bug” (also called “roly poly”) crawling along in the leaves. You can tell it’s not an insect, but it has an exoskeleton and a segmented body.

Which phylum from the chart is this animal likely in?

56. Are there more animal phyla that are not included in the 9 animal phyla from the chart?

