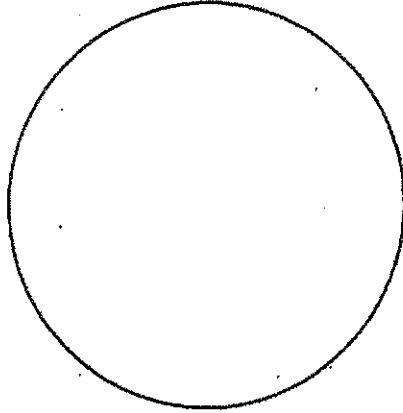


Name: _____

Class: _____ Date: _____

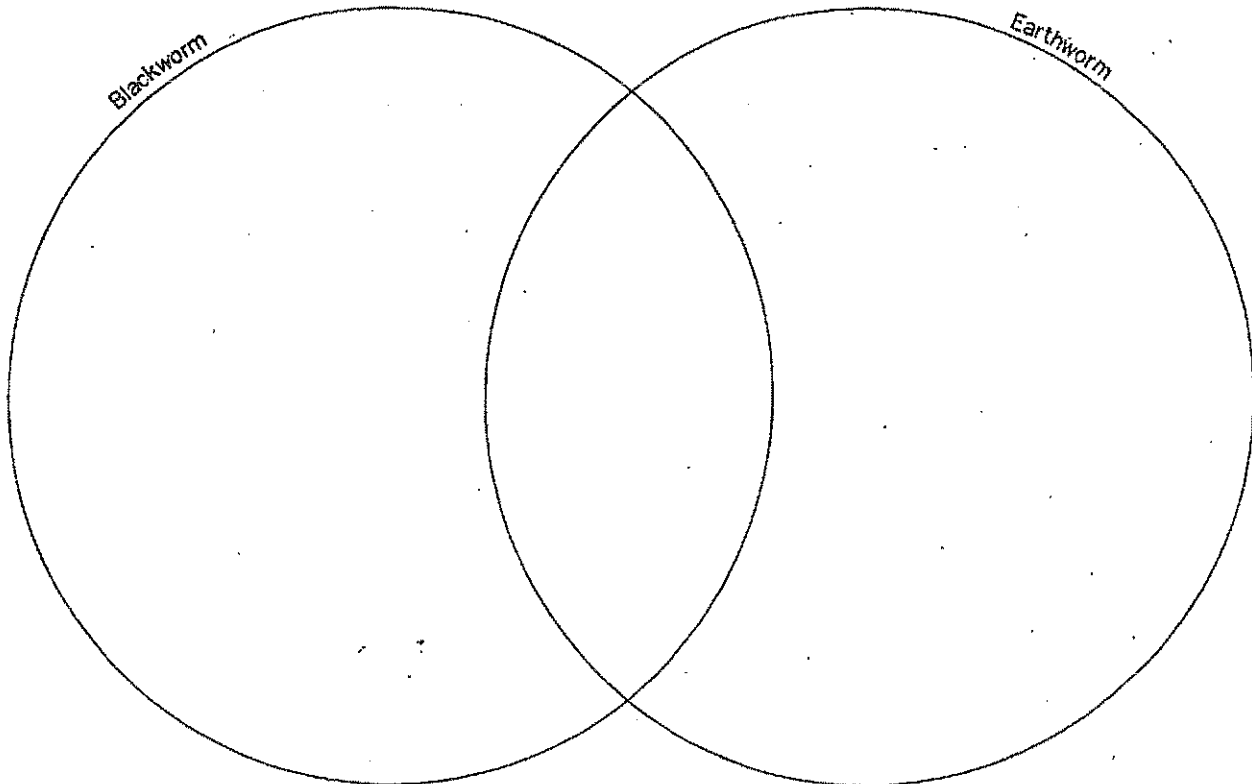
Student Sheet 3.1 Template for Blackworm Drawing



1 2 3 4 5 6 7 8 9 10

Reflecting On What You've Done

A. Use the Venn diagram to summarize the similarities and differences between a blackworm and the common earthworm.



(continued)

Student Sheet 3.1 (continued)

B. You may have noticed that one or both ends of some of the blackworms are lighter in color than the rest of their bodies. What is the probable reason for this?

C. Why do blackworms make some of their unusual movements?

D. What did you discover about the pulse rate of your blackworm when measured at different parts of its body?

E. If you measured your pulse at different places on your body, would you expect to observe the same pattern of results? Explain.

F. Lisa says that, in addition to being fairly active, blackworms are much larger than organisms usually studied through the microscope. Because of this, she believes blackworms have a more complex way of moving food and oxygen through their bodies. What evidence have you observed to support Lisa's statement?

G. What evidence did you observe that regeneration has occurred in your blackworm?

Inquiry 3.2 Average Pulse Rate of a Blackworm

Student Name	Time Minutes	Pulse rate (#of waves/min)		Average Pulse rate (#waves/min)
		Trial 1	Trial 2	
				Total average

Analysis- Explain your results (using numbered date) and discuss any possible errors in the data (include anything you would change to make data more accurate)

