

Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

### Taeniasis & Fasciola Research Activity

Using a computer, go to <http://www.cdc.gov>. You will be navigating the website to find information regarding Taeniasis and Fasciola. You can use the index tabs (A-Z) on the top of the web page to find information on the topics. Read through the website for a general sense of the information and use that information to answer the following questions.

1. What is Taeniasis?
2. In what part of the world is *T. saginata* infection most likely to occur? Does it occur in the United States often?
3. What is cystercercosis? How does a person get the disease?
4. How is cystercercosis treated?
5. How does the adult tapeworm attach to the intestine of its host?
6. How many eggs does the *T. saginata* produce per day? How many eggs does the *T. solium* produce per day per proglottid?
7. How is a *Taenia* tapeworm infection diagnosed? How long after infection is established is this test possible?

8. To what temperature should you cook ground meat in order to avoid a tapeworm infection?

9. What areas of the world have the highest rates of *Fasciola* infection in humans?

10. What organism causes a *Fasciola* infection ?

11. How do humans typically acquire a *Fasciola* infection?

12. How is the human transmission in the liver fluke different than human transmission of the blood fluke? (reference notes and textbook as well as website)

13. How is a *Fasciola* infection diagnosed in humans?

14. What medication treats *Fasciola*? How do doctors access this medication?

15. What are the symptoms of a *Fasciola* infection?