Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sexual Selection and Other Forms of Adaptation

1. What would the hypothesis have been for the researchers who behaviorally isolated fruit flies by offering them starch or maltose?
2. What is **sexual selection** and how does it differ from classical natural selection?
3. How do fossils change as they go from deeper layers of rocks to more shallow layers of rocks?
4. What was the Cambrian Explosion?
5. What is the difference between a geologic **era** and a geologic **period**?
6. Older layers of rock are generally DEEPER/SHALLOWER (circle one). Younger layers of rock are generally DEEPER/SHALLOWER (circle one).
7. How are index fossils used to judge the age of fossils?
8. How are radioisotopes used to judge the absolute age of fossils?
9. What is **adaptive radiation**?
10. Define **niche**.
11. Jot down any questions that you have after watching the video on other forms of selection.