

Name: _____

Prelab: The Plankton of Boston Harbor

1. (6pts) Create a dichotomous key which will identify the 5 items pictured below using only yes/no questions. For example, if you had a metal paper clip, a metal spoon and a pair of plastic sunglasses, you could use the question, "is this item made of metal?" "If the answer is yes, go to question 2; if the answer is no, it is a pair of plastic sunglasses."



Questions

1)

2)

3)

4)

2). (4pts) If you are looking at an organism in the Nikon compound microscope through the 10X lens and the organism measures $\frac{1}{4}$ the length of the field size, approximately how long is the organism in millimeters and in microns?

