

A Representative Basidiomycete – the Mushroom!

Name: _____

Date: _____

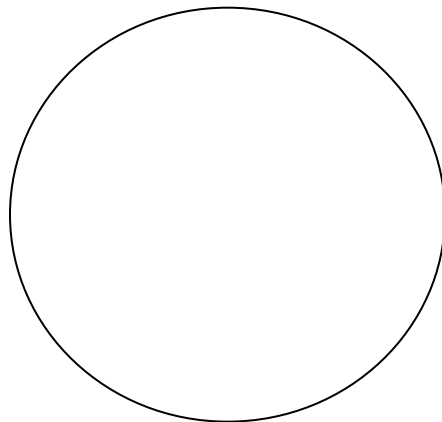
Objective: _____

Procedure/Data:

1. Obtain a small complete mushroom.
2. Make a sketch of the mushroom identifying (labeling) the cap, gills, and stipe.

3. Crumble a piece of the stipe and describe the shape of the parts making up the stipe.

4. These structures are called _____.
5. Prepare a wet mount of one gill.
6. Observe this slide under low, medium, and if possible high power. Look for the basidia, which appear as bubbles on the sides of the gill.
7. Make a sketch of the gill identifying (labeling) the basidia.



mag _____X
fd _____ μ m

Conclusion: Answer on back of this sheet.

1. What feature of the mushroom places it in Class Basidiomycete?
2. What is the function of the basidia?
3. How were these mushrooms attached to the soil?
4. Name 3 reasons why mushrooms are not classified as plants.

References: _____