

Sheep/Cow Eye Dissection

1. Record three observations you made when you examined the surface of the eye:

- a. _____
- b. _____
- c. _____

2. Identify the function of the following structures:

- a. cornea
- c. optic nerve
- d. iris-
- e. pupil-
- f. retina
- g. aqueous humor
- h. vitreous humor
- i. ciliary body
- j. sclera
- k. choroids
- l. lens

3. Name the three layers you sliced through when you cut across the top of the eye:

- a. _____
- b. _____
- c. _____

4. Match the following parts of the eye to their function: (ciliary body, sclera, iris, retina, lens, & tapetum lucidum)

- _____ Contains the photoreceptors for vision.
- _____ The colored portion of the eye.
- _____ This structure changes shape to focus light on the retina.
- _____ The opening in the iris through which light passes.
- _____ Consists of muscles, which control and shape the lens.
- _____ The white of the eye.
- _____ The iridescent portion of the choroid layer found in nocturnal animals.