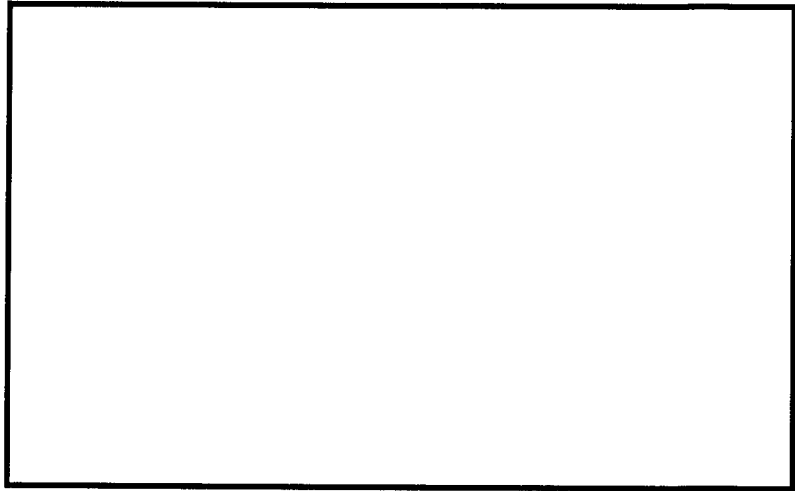


Observations

Make a drawing of the sheep eye in cross section; this is through the middle of the eye looking at the eye from the side.

Label the following:

- Cornea
- Sclera
- Retina
- Lens
- Optic nerve
- Vitreous humor
- Aqueous humor



Fill in the chart below:

STRUCTURE	FUNCTION
Cornea	
Sclera	
Lens	
Optic nerve	
Pupil	
Vitreous humor	
Aqueous humor	

Analysis

1. The sheep is a mammal just like humans; however human eyes are not quite the same as the sheep eye. Describe the differences.
2. State 2 differences between the preserved sheep eye and how the eye would be while alive.
3. The sheep eye has a reflective coating on the back of the eye. Research what this is and why sheep have it.
4. What is the liquid or watery substance that comes out of the eye? What is the purpose or function of this watery substance?
5. What do the ciliary muscles of the ciliary body do for the eye?
6. What is the purpose of the optic nerve?