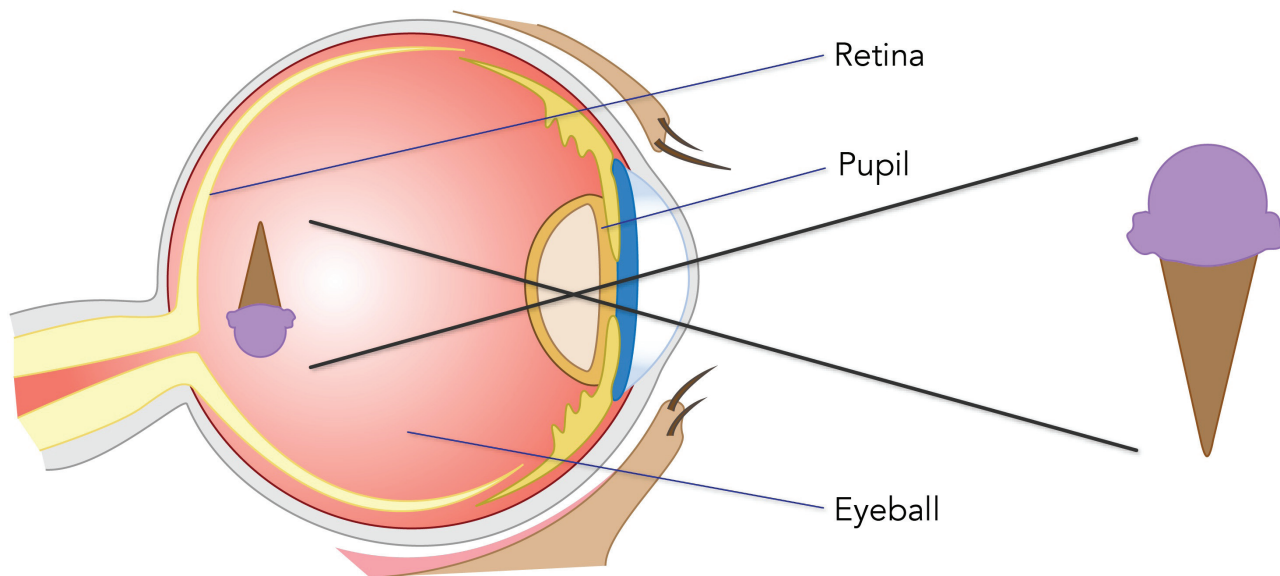


Name _____ Date _____

Model of the Human Eye Answer Key

Label this model of the human eye to represent what you learned in your experiment. Draw the image of the ice cream cone as it would appear to the eye in the box.



Explain the relationship between light and how humans are able to see. Use what you learned from your experiment to guide your answer.

Use this rubric to assess student responses.

Excellent	Student explains that objects can be seen because light reflects from their surface and enters the eye through the pupil, passes through the eyeball where the light is bent (or refracted, for older students), and appears upside down on the retina. At this level, the student must also include information about the optic nerve sending the information as electrical impulses to the brain, which turns the image upright again.
Satisfactory	Student explains how the model works and includes information about the light source, but leaves out information about how the retina sends information to the brain, OR vice versa.
Unsatisfactory	Student is unable to explain how the experiment relates to the eye or vision, OR doesn't adequately show how the parts of the eye work together.

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