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| Science 8**Human Vision** | **Name:** **Date:** **Block:** |

|  |  |
| --- | --- |
| **Term:** | **Description/Function:** |
| Cornea |  |
| Pupil |  |
| Iris |  |
| Sclera |  |
| Lens |  |
| Retina |  |
| Optic Nerve |  |

**THE FOCUSING SYSTEM**

The focusing system consists of:

1.
2.
3.
* Light rays \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ as soon as they pass into the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* The cornea \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the light.
* The lens \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_the focus.

By drawing a straight line and writing the name beside it, label the diagram with the following:

* Optic nerve
* Retina
* Lens
* Iris
* Pupil
* Cornea
* Sclera



**FORMING AN IMAGE**

* All light rays travel in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ formed by the lens is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* Your brain interprets the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ as being \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

