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| Goal • Reinforce your knowledge of the functions of parts of an eye and parts of a camera. |

What to Do

Complete the following table to compare an eye with a camera. Do not write anything in the shaded boxes. For help, review pages 203, 204, and 223 of BC Science 8.

|  |  |  |  |
| --- | --- | --- | --- |
| Eye | | Camera | |
| Part | Function | Part | Function |
|  |  | shutter | opens to take a picture |
| retina |  |  | catches the image |
|  | clear covering over the eye | protective glass | lens cover protects the lens |
| iris |  | diaphragm |  |
|  |  | automatic brightness adjustment | opens and closes the diaphragm according to brightness of the subject |
|  | focusses the image on the retina |  |  |
| muscle |  | focussing ring |  |
|  |  | aperture | hole through which light enters the camera |
|  | transmits signals from light receptors in the retina to the brain |  |  |