

L.N Coakley Science Department

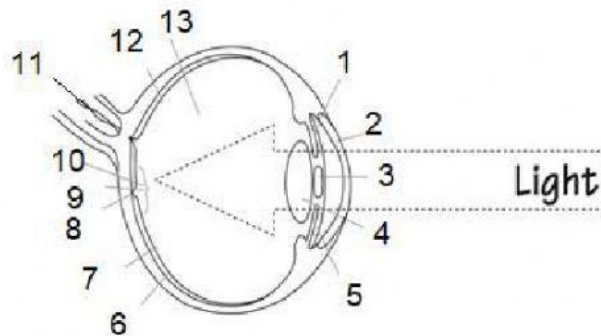
The Eye System Unit Quiz

Name: _____

Date: _____

Grade: _____

1. Label the following diagram matching the label with the corresponding name.



1		8	
2		9	
3		10	
4		11	
5		12	
6		13	
7			

2. Which part of the eye controls the amount of light entering it?

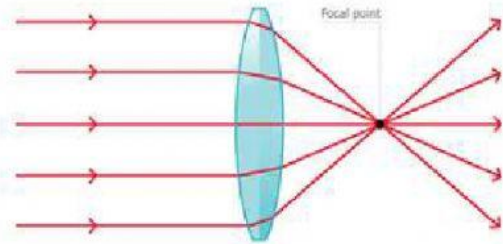
_____.

3. Name the nerve that connects the eye with the brain.

_____.

4. The eye is known as the _____ organ.

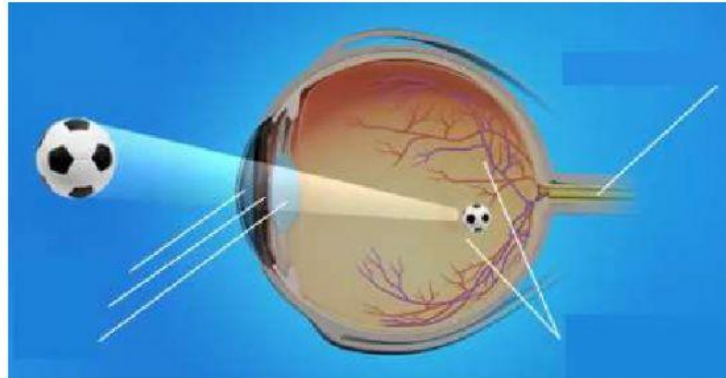
5. Identify the type of lens in the diagram bellow. Explain what happens ones the light hits the lens.



6. Match the parts with their respective description and function:

Part	Description and function
Retina	Clear Dome-shaped layer that protects your eye from elements that could cause damage to the inner parts of the eye.
Optic nerve	Is a black dot in the middle of the eye, this black area is actually a hole that takes in light so the eye can focus on the objects in front of it.
Pupil	Is a clear layer that focuses the light the pupil takes in.
Lens	Sensory tissue that lines the back of the eye. It contains millions of photoreceptors (rod and cones) that convert light rays into electrical impulses.
Cornea	Transmit electrical impulses from the retina to the brain.

7. Label the parts of the eye in the diagram bellow and complete the following statement about how the eye works?



Rays of light enter the eye through the _____, _____ and _____ these light rays are focus on the _____, the light sensory tissue lining the back of the eye. The retina sends signals through the _____ to the brain where these signals become the _____ we see.

8. Name and describe TWO disorders of the eye.

- I. _____

_____.
- II. _____

_____.

9. Explain how each disorders are corrected.

- I. _____

_____.
- II. _____

_____.

10. What is astigmatism and how is corrected?

_____.

11. Identify the name of each of these eye diseases shown in the pictures bellow. Give a breve description of each them.

a) _____



b) _____



c) _____

