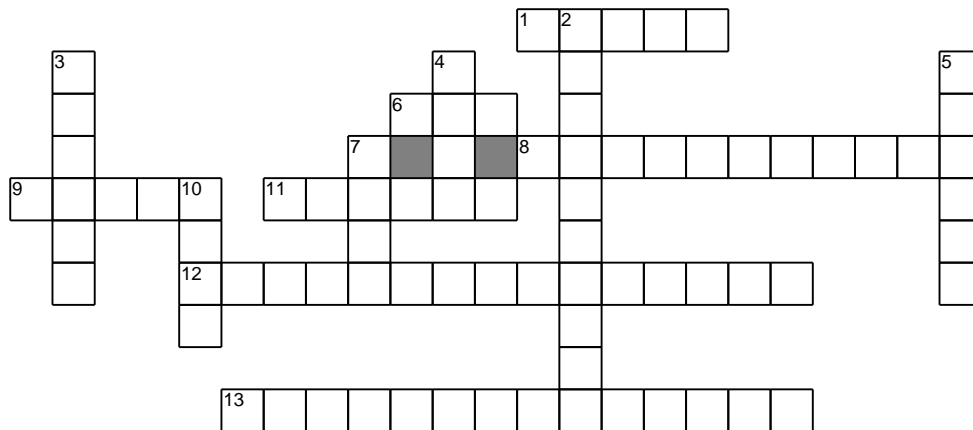


Name: _____ Date: _____
 Class: _____ Teacher: _____

THE EYE

Complete the activity.



ACROSS

1. The center of the retina. The region of highest visual acuity and cone cell density.
6. are photoreceptor cells in the retina of the eye that can function in less intense light
8. A clear jelly-like substance which fills the posterior chamber of the eyeball.
9. The opening in the center of the iris through which light passes.
11. The transparent part of the eyeball which covers the iris and pupil.
12. to see nearby objects clearly, but have trouble seeing objects far away
13. to see distant objects clearly, but nearby objects are blurry

DOWN

2. the thick nerve extending from the eye to the brain which transports the images that the eye receives to the brain
3. The area in and around the fovea. Made up mostly of cone cells, it is responsible for central vision and contains the fovea.
4. photoreceptor cells in the retina of the eye that function best in relatively bright light.
5. The white, dense, fibrous outer coating of the eyeball.
7. The colored diaphragm in the anterior chamber of the eyeball which contracts and expands to adjust for light intensity.
10. focuses light rays onto the retina. It is normally capable of changing shape to allow the eye to focus on both near and distant images.