

# Cow Eye Dissection Worksheet

1. Name three structures that help focus the light rays entering the eye.

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_

2. Name the three layers that make up the wall of the eyeball.

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_

3. Match the following parts of the eye to their function: (optic nerve, sclera, iris, retina, lens, pupil, vitreous humour, aqueous humour, choroid)

- \_\_\_\_\_ Contains sensory receptors for vision
- \_\_\_\_\_ The coloured portion of the eye.
- \_\_\_\_\_ This structure changes shape to focus light on the retina
- \_\_\_\_\_ The opening in the iris through which light passes
- \_\_\_\_\_ Helps the eyeball keep its round shape and prevents it from collapsing
- \_\_\_\_\_ Outer layer of the eye. Protects the eye and helps it keep its shape
- \_\_\_\_\_ Cord at the back of the eyeball. Carries impulses from the eye to the brain
- \_\_\_\_\_ Fills space between the lens and cornea. Plays a part in focussing light rays
- \_\_\_\_\_ Dark coloured layer underneath the retina. Contains blood vessels which supply nutrients and oxygen to the eye.



4. Use the picture to name the parts of the eye.

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_