

Name: _____

Date: _____

The Eye Science Worksheet

Topic: *The Eye*

Instructions: *Choose the best answer for each question*

1. What is the main function of the eye?

- A) To regulate body temperature
 - B) To detect sound waves
 - C) To focus light and create images for vision
 - D) To control balance
-

2. What part of the eye is responsible for controlling the amount of light that enters?

- A) Retina
 - B) Iris
 - C) Lens
 - D) Cornea
-

3. Which part of the eye focuses light onto the retina?

- A) Pupil
 - B) Optic nerve
 - C) Lens
 - D) Sclera
-

4. What is the name of the light-sensitive layer at the back of the eye that contains photoreceptor cells?

- A) Cornea
 - B) Retina
 - C) Iris
 - D) Optic nerve
-

5. What are the two types of photoreceptor cells in the retina?

- A) Rods and cones
- B) Cones and lenses
- C) Pupils and rods
- D) Retinas and corneas

6. Which type of photoreceptor is responsible for detecting color?

- A) Rods
 - B) Cones
 - C) Sclera
 - D) Optic nerve
-

7. What part of the eye allows light to enter by opening and closing, and is also known as the "black dot" in the center of the eye?

- A) Lens
 - B) Pupil
 - C) Cornea
 - D) Retina
-

8. What is the transparent, curved structure at the front of the eye that helps focus light?

- A) Iris
 - B) Retina
 - C) Cornea
 - D) Optic nerve
-

9. Which part of the eye connects it to the brain and transmits visual information?

- A) Optic nerve
 - B) Lens
 - C) Iris
 - D) Retina
-

10. Which condition is caused by the lens of the eye losing flexibility, making it harder to focus on nearby objects, especially with age?

- A) Astigmatism
- B) Cataract
- C) Myopia
- D) Presbyopia

Answer Key:

1. C
2. B
3. C
4. B
5. A
6. B
7. B
8. C
9. A
10. D