

The Eye

Directions: Answer the following questions about the eye.

1. What is the pupil? _____

2. What is the iris? _____

3. What is the function of the iris _____

4. What is the eye lens? _____

5. What is the function of the lens? _____

6. How does the lens focus both close and far away objects? _____

7. Why do people over age 40 often wear reading glasses or bifocal glasses for near and far sight? _____

8. What eye structure protects the lens from being easily scratched when we rub our eyes? What else does it do? _____

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9. What is the cornea? _____

10. What common injury occurs to the cornea? _____

11. What is the retina? _____

12. How does light get to the retina? _____

13. In what orientation do images appear on our retinas? _____

14. Where do the upside-down images seem to get turned right side up?

15. Name two common injuries that occur to the retina, mostly in people past the age of 50? 1. _____
2. _____

16. How does an image move from the retina to your brain? _____

17. How might an injury to the back of the head cause impaired vision or a ruptured aneurysm result in fixed and dilated pupils? _____

