

P3 Lenses and Light Quiz

1. Describe how the image formed by the lens in a camera is different from the image formed by a lens used as a magnifying glass.
2. What name is given to the type of lens used as a magnifying glass?
3. Name a light detecting device which may be used in a camera.
4. Which part of the eye changes size to make sure the correct amount of light enters the eye?
5. What is the function of the ciliary muscles inside the eye?
6. What is the function of the lens inside the eye?
7. The process by which the cornea and lens change the direction of the light is called what?
8. Give two similarities between an eye and a camera.
9. Which device passes light through optical fibres to produce images of the inside of the body?
10. Give a medical use for a laser.
11. How does total internal reflection occur?