

Image Formation by Spherical Lens

1. Fill in the blanks

- A. Concave mirrors form a _____ or _____ image.
- B. Convex mirrors are used in _____.
- C. _____ lens is a converging lens.
- D. _____ lens is thinner at the centre.
- E. Magnifying glass uses _____ lens.

2. True or false

- A. A spherical mirror is a mirror which has the shape of a piece cut out of a spherical surface.
- B. Concave mirrors are used by engineers.

3. Answer the following questions

- A. What is the difference between convex or concave mirror? And who uses these mirrors? Name them.
- B. Why do images appear smaller than the objects themselves in the mirror? Explain.
- C. What do you understand by plano-convex lens?
- D. Which kind of lens is use in telescope?
- E. Which kind of image convex mirror formed?