

## Right or Left

### 1. Fill in the Blanks:

- a. When light travels from air into a glass block, it generally bends to the \_\_\_\_\_.
- b. A mirror reflects light in the \_\_\_\_\_ direction.
- c. In a concave lens, light rays are bent \_\_\_\_\_ as they pass through it.
- d. When you shine a flashlight at a mirror, the light reflects and moves towards the \_\_\_\_\_.
- e. When you look into a plane mirror, your right hand appears to be on your \_\_\_\_\_ side.

### 2. True or False:

- a. Light always travels in straight lines.
- b. The angle of incidence is equal to the angle of reflection for a plane mirror.
- c. Light can travel through a vacuum.
- d. When light passes from a denser medium to a less dense medium, it bends away from the normal line.
- e. A concave mirror always forms a virtual, upright, and diminished image.

### 3. Match the following: -

Column A	Column B
i. Convex Lens	A. Bends light outward, can converge light rays.
ii. Concave Lens	B. Forms a virtual and upright image.
iii. Plane Mirror	C. Reflects light without bending.
iv. Refraction	D. The bending of light when it passes from one medium to another.
v. Virtual Image	E. Appears on the opposite side of the object in a plane mirror.