

## Light

2. Higher Order thinking skills.

1. Identify plane, concave and convex mirror without touching them.

Ans: We can identify the type of mirror by looking at the images.

→ Plane mirror shows virtual and same size image.

→ Concave mirror shows real and inverted image.

→ Convex mirror shows virtual and diminished image.

2. Name a mirror that can be used to

(a) Concentrate rays of light

(b) Amplify rays of light

Ans: (a) Concave mirror

(b) Concave mirror.

3. What will be the difference in size of the image of the same object formed by a small and large plane mirror?

Ans: The size of the image remains the same in both mirrors. A larger mirror only shows a larger portion of the object, not a bigger image.