

## REVISION ASSIGNMENT

### Physics Light

**Give one word for the following:**

1. The invisible energy which causes in use the sensation of vision.
2. The ray of light which travels towards a mirror.
3. A line which is drawn at right angles to the mirror surface at the point of incidence.
4. Name one type of mirror which always form virtual image.
5. What type of image is formed on the cinema screen?

**Fill in the blanks:**

1. The point at which the incident ray falls on the mirror is called \_
2. If a ray of light is incident on a plane mirror at an angle of  $30^\circ$ , its angle of reflection is \_\_\_\_\_.
3. If a ray of light is incident normally on a mirror,  $\angle i =$  \_\_\_\_\_ and  $\angle r =$  \_\_\_\_\_
4. The image of our face in a plane mirror is an example of \_\_\_\_\_ image.
5. The distance of the image behind the plane mirror is \_\_\_\_\_ to the distance of the object in front of it.
6. The principle of \_\_\_\_\_ is made use of in motion picture projection in cinematography.