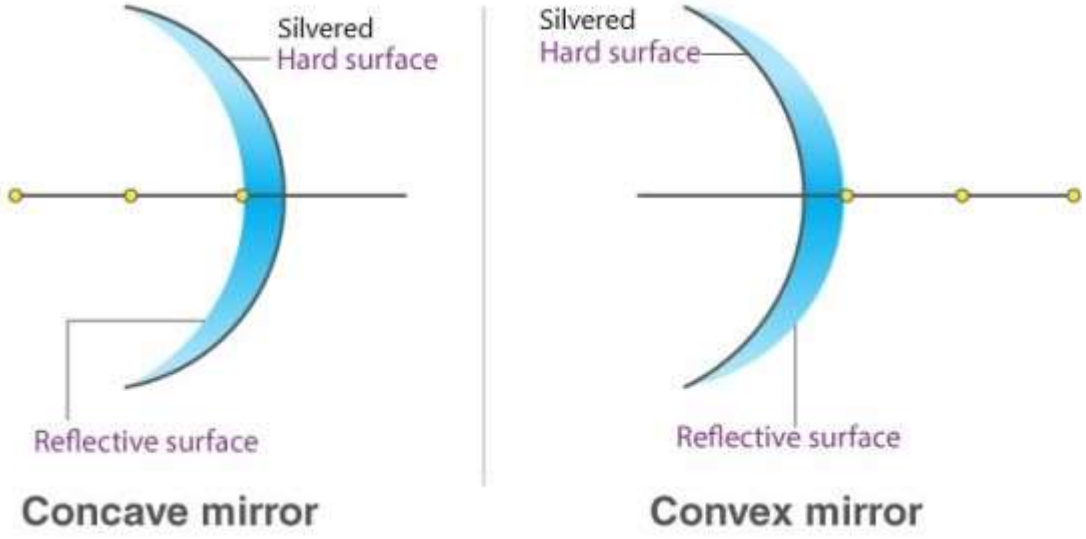
Concave and Convex Mirrors

-They are also known as spherical mirrors and are formed when a spherical glass is silvered.

-If the inside is silvered a **convex** or **diverging** is formed while

a **concave** or **converging** mirror is formed when the outside is silvered.



Parts of a Spherical Mirror

1. ***Centre of curvature*** **(C)** – this is the centre of the sphere of which the mirror is part of. The centre itself is called the pole **(P).**
2. ***Principal axis*** – this is the line joining the centre of curvature **(C)** to the pole **(P).**
3. ***Principal focus*** **(F)** – is a point on the principal axis through which a ray is reflected when it hits a concave mirror. In a convex mirror the ray is