

Distinguish, differentiate, compare and explain what is the main difference between concave and convex mirror in physics optics. Comparison and Differences.

## **Difference between concave and convex mirror**

1. If the inner surface of the spherical mirror is the reflecting surface, it is called a concave mirror. If the outer surface of the spherical mirror is the reflecting surface, it is called a convex mirror.
2. A concave mirror is called a converging mirror. Convex mirror is called a diverging mirror or fisheye mirror.
3. The focus lies in front of the mirror in concave. The focus lies behind the mirror in convex.
4. A concave mirror can be projected on the screen. The convex mirror cannot be projected on the screen.
5. A concave mirror is hollowed or rounded. Convex mirror is curved or rounded like the outside of sphere or circle.

Steady Run