

HOME ASSIGNMENT

1. • Convexo-concave → The concave face has a greater degree of curvature than the convex face.

• Concavo-convex - The convex face has a ~~greater~~ greater degree of curvature face.

• convexo-concave lens is thinner at the edges and thicker at the middle.

• Concavo-convex lens is thicker at the edges and thinner at the middle.

2. What is the reason behind the sparkling of diamond?

A diamond sparkles because, when it is held a certain way, the intensity of the light coming from it is greatly enhanced. ~~A ray of light coming from it is greatly enhanced~~
A ray of light striking a bottom facet of the diamond at an angle of incidence exceed the critical angle, ~~is~~ are totally reflected back into the diamond, eventually exiting the top surface to give the diamond its sparkle.

3. Biconvex lens will be more converging because it has both sides convex lens but in Plano convex one side is plane and another side is convex lens.