

H.W  
1/7/21

1. Differentiate between concavo-convex lens and Convexo-concave lens.

ans

Convexo-concave

→ It is thick at the edges and thin at the middle position.

Concavo-convex

→ It is thin at the edges and thick at the middle position.

→ It diverges the light rays

→ It converges the light rays.

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

ans: - The ~~ca~~ proper edges and cuts allow a large number of light rays to enter, which undergoes Total Internal Reflection. When these multiple rays of light emerge from the diamond it seems to be sparkling.

3. In which case the converging will be more, ~~the~~ Bi-convex or Plano-convex? Justify.

ans: -