

**Answer all the questions given below:**

1. write the rules for obtaining images formed by convex lens
2. Draw the Ray diagram of Convex lens for following cases and mention position of image and nature of image :
3. Object is beyond 2F1
4. Object at 2F1
5. Object between F1 and 2F1
6. Object at focus
7. Object between optical centre and focus
8. Object at infinity
9. write the uses of Convex lens.
10. write the rules for obtaining images formed by concave lens.
11. Draw the Ray diagram of concave lens when the Object kept beyond Focus and mention position of image and nature of image.
12. what happens in above case if Object move away from optical centre of concave lens , and write position of image and nature of image.
13. write the uses of Concave  lens.