

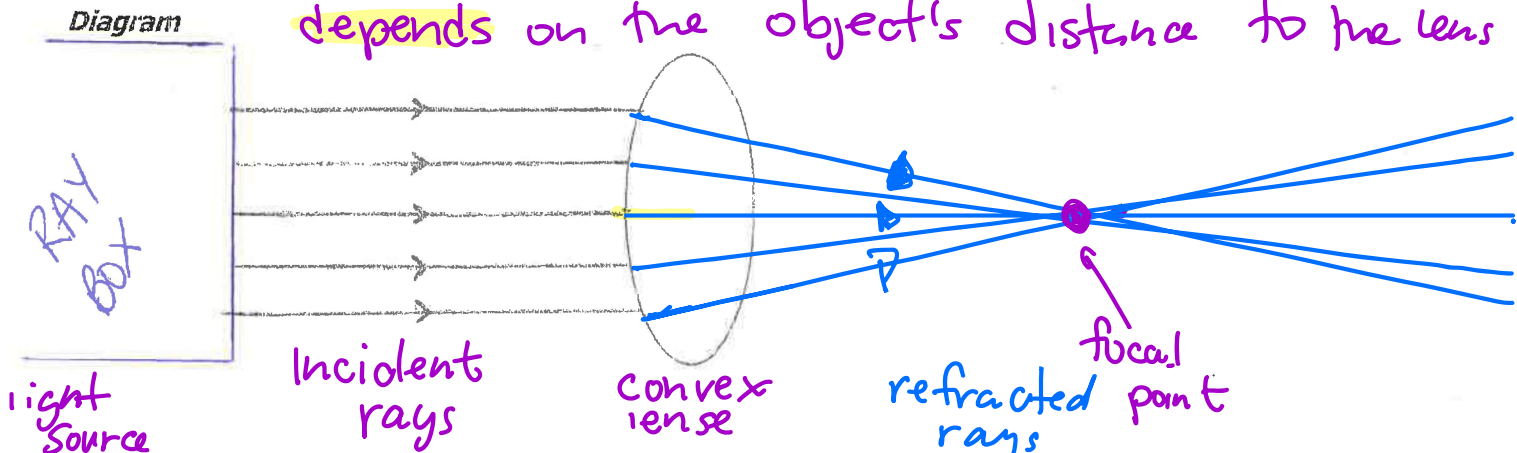


Types of Lenses

1. Convex Lenses



- thicker in the middle
- thinner on the edges
- cause light rays to **CONVERGE** @ focal point
- **Size + orientation** of the **IMAGE** depends on the object's distance to the lens



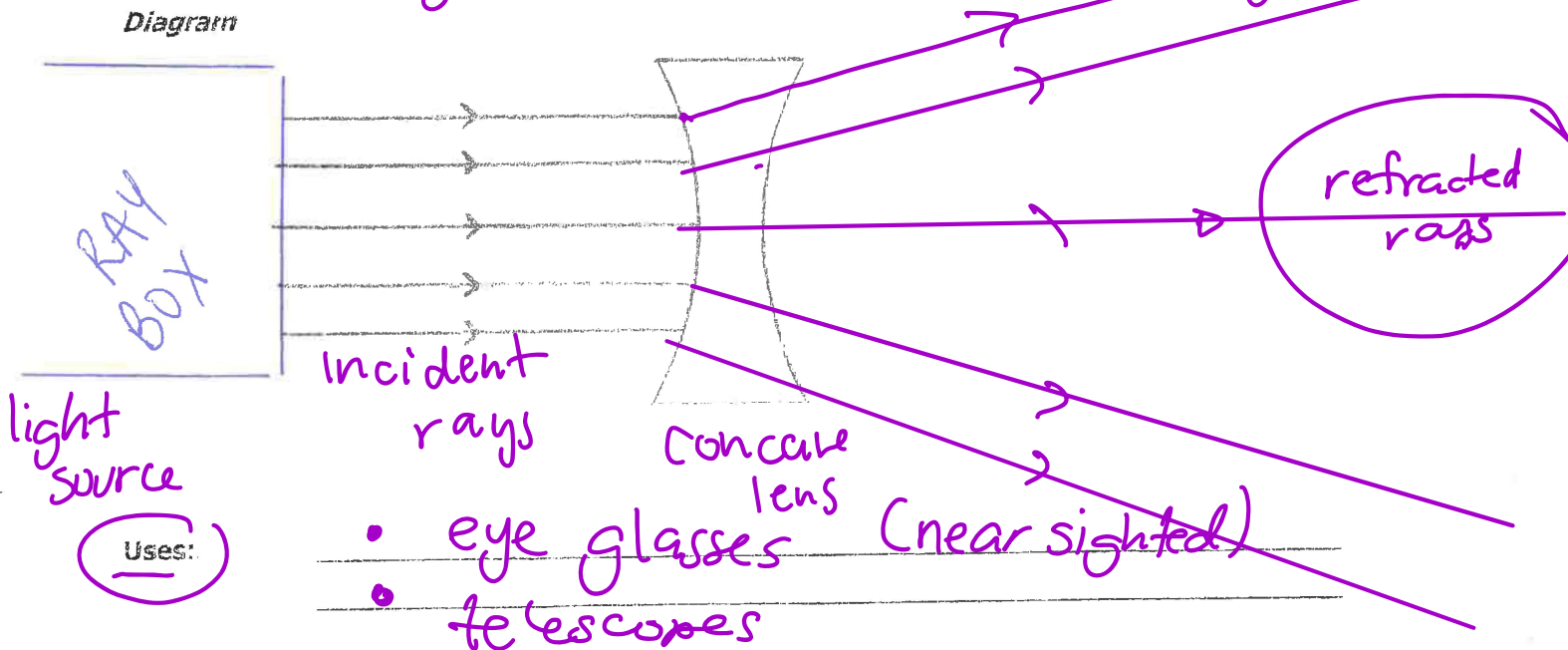
light source

Uses:

- eye glasses → farsighted
- magnifying lens
- telescopes
- binoculars
- camera lens

2. Concave Lenses

- thinner in the middle
- thicker @ the edges
- cause light rays to **DIVERGE**
- image is "smaller" but upright



light source

Uses:

- eye glasses (near sighted)
- telescopes