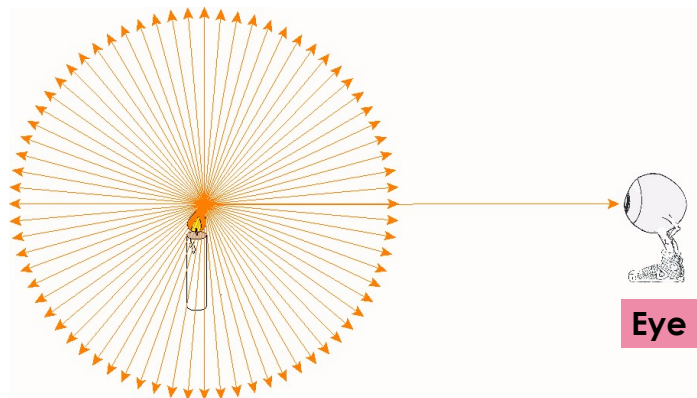


Seeing Things

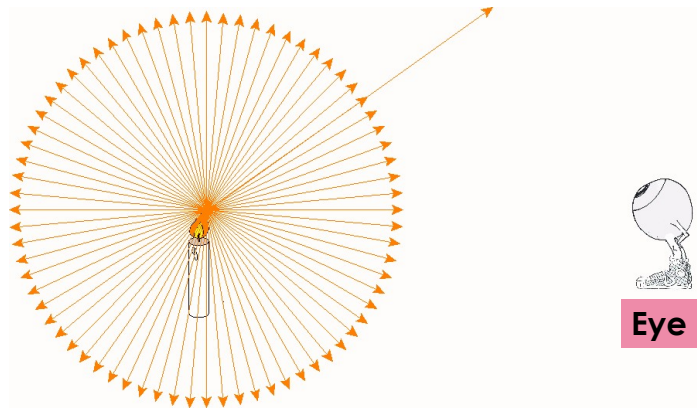
Seeing Things

- The tip of the candle flame emits light in all directions. But we only see the light that enters our eyes



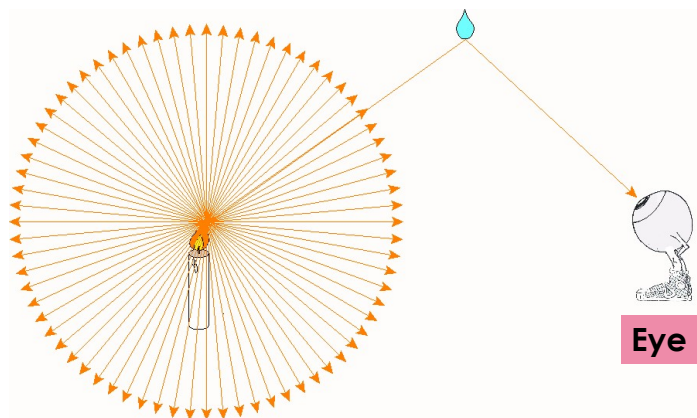
Things we can't see

- We don't see light that does not enter our eyes



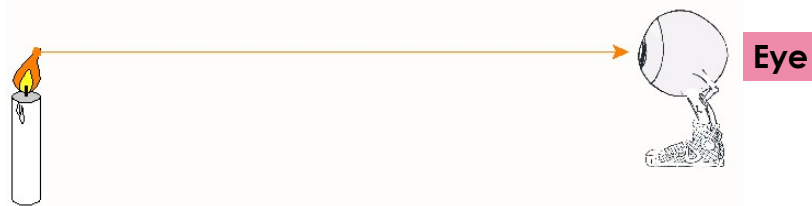
Reflected Light

- We don't see light directed away from our eyes unless it is reflected into our eyes by something



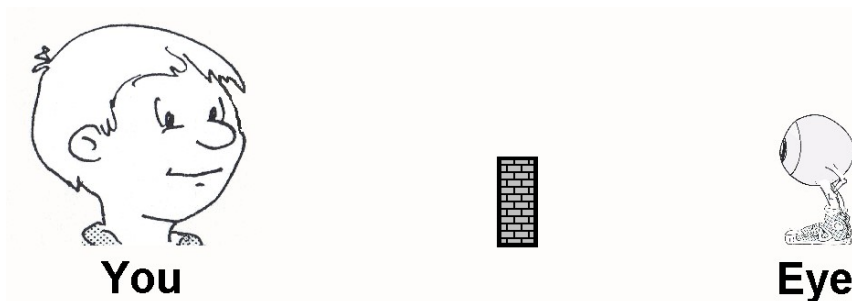
Ray Diagrams

- ▶ On diagrams, we will ignore light that does not enter our eyes
 - ▶ The path light takes is called a Ray.
- ▶ Diagrams that show how light moves from the object to the eye are called Ray Diagrams



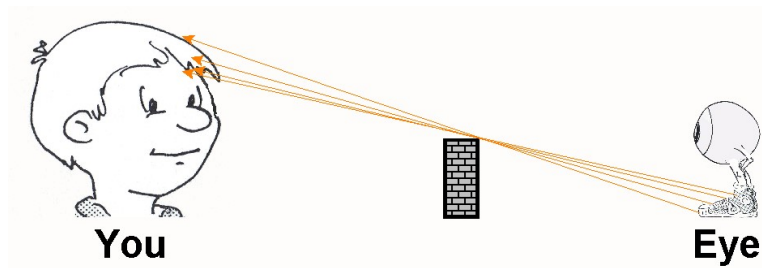
Questions

1. Can you see the Eye's feet?



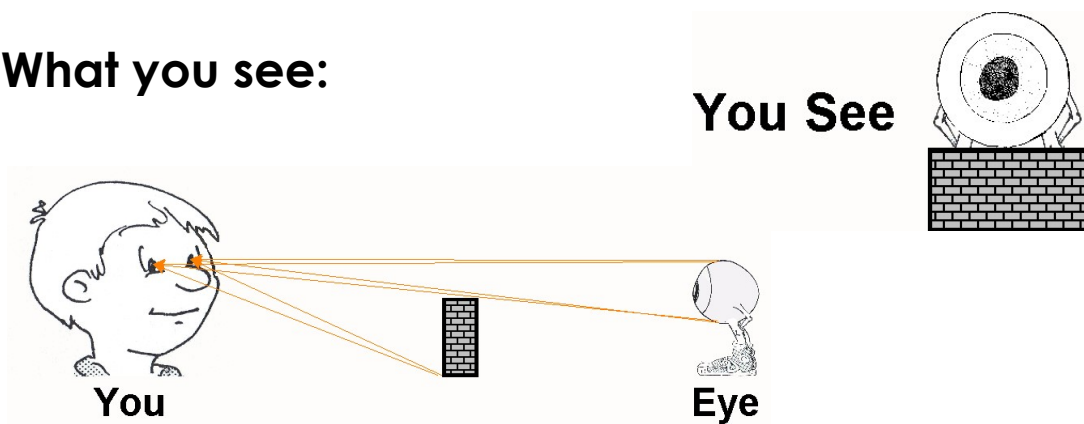
Questions

- ▶ A straight line cannot travel from the feet to your eye
- ▶ You cannot see the feet



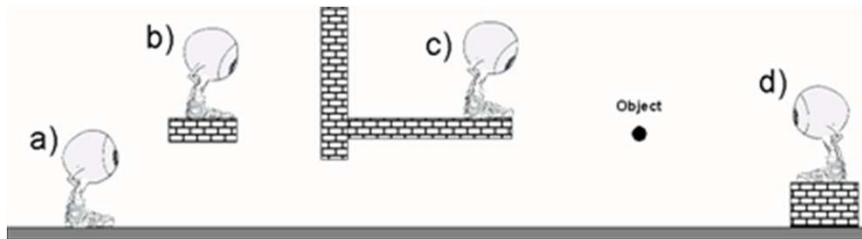
Questions

- ▶ What you see:



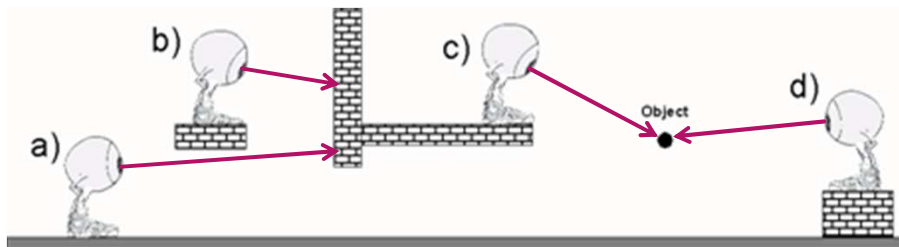
Questions

2. Which Eye can see the object?



Questions

► C and D



Types of Medium

- ▶ Light travels from the **OBJECT** to the **EYE** through a medium
- ▶ **Types of Media:**
 - ▶ **Transparent** – allows light through
 - ▶ glass, air
 - ▶ **Translucent** – allows some light through
 - ▶ frosted glass, wax paper
 - ▶ **Opaque** – does not allow light to pass through
 - ▶ solid wall, thick sheet of paper

