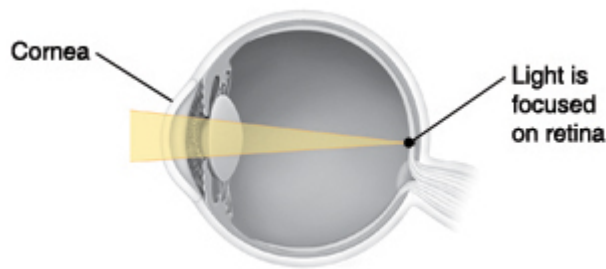


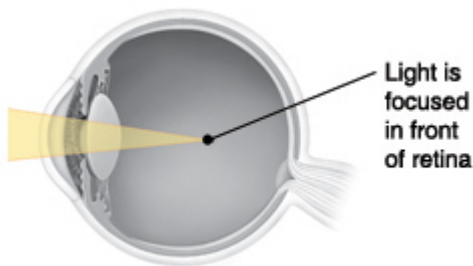
Understanding Vision Problems

Normal



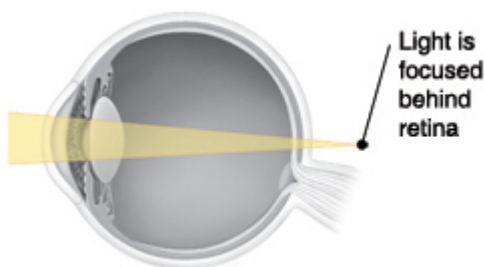
Your eyes see an object as light coming from the object. Your cornea focuses light rays onto a layer that lines the inside of the back of your eye (the retina). If your eyes are normal, this creates a focused image on your retina. This makes objects look clear.

Nearsighted (Myopia)



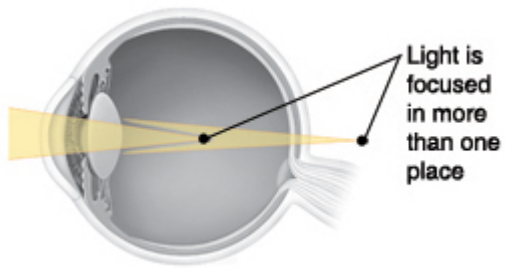
Your cornea and your retina are too far apart if you're nearsighted. In other words, your eyeball is longer than average. Sometimes your cornea or your lens has an abnormal shape. This makes light rays from distant objects focus in front of your retina. These objects then look blurry.

Farsighted (Hyperopia)



Your cornea and your retina are too close together if you're farsighted. In other words, your eyeball is shorter than average. Sometimes your cornea or your lens has an abnormal shape. This makes light rays from close objects focus behind your retina. These objects then look blurry.

Astigmatism



Sometimes your cornea or the lens inside your eye is curved abnormally. Then light rays can't focus evenly onto your retina. This is called astigmatism. It makes both close and distant objects look blurry.