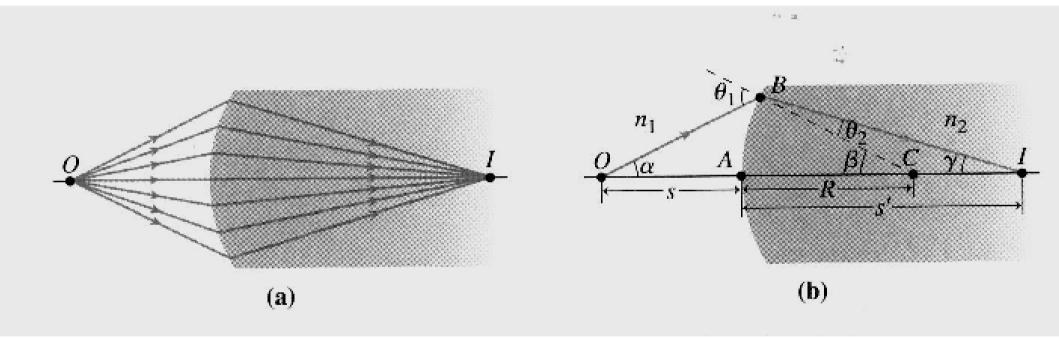
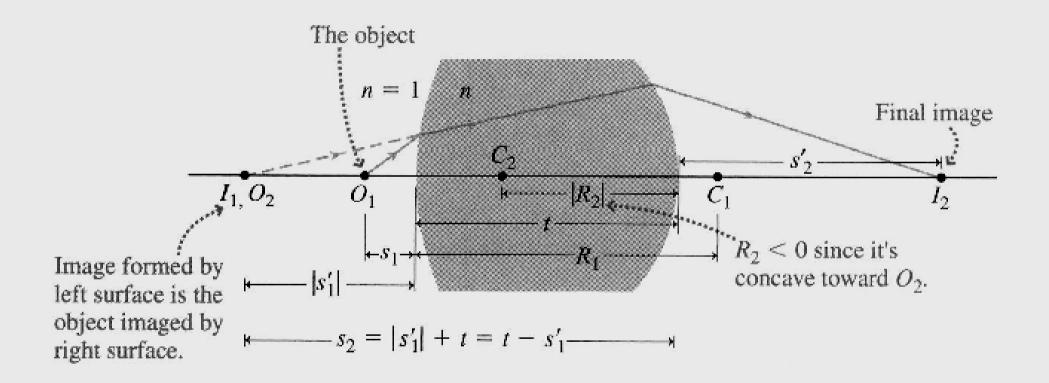
APPLICATIONS OF LENSES: THE HUMAN EYE

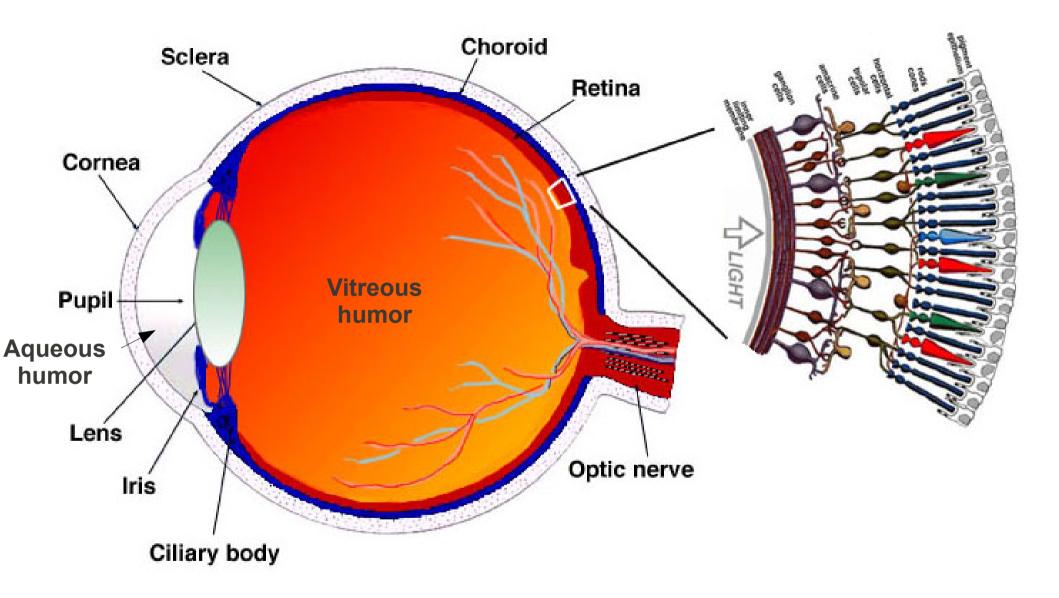
Prof. Stephen Sekula 12/1/2010 Supplementary Material for PHY1308 (General Physics -Electricity and Magnetism)

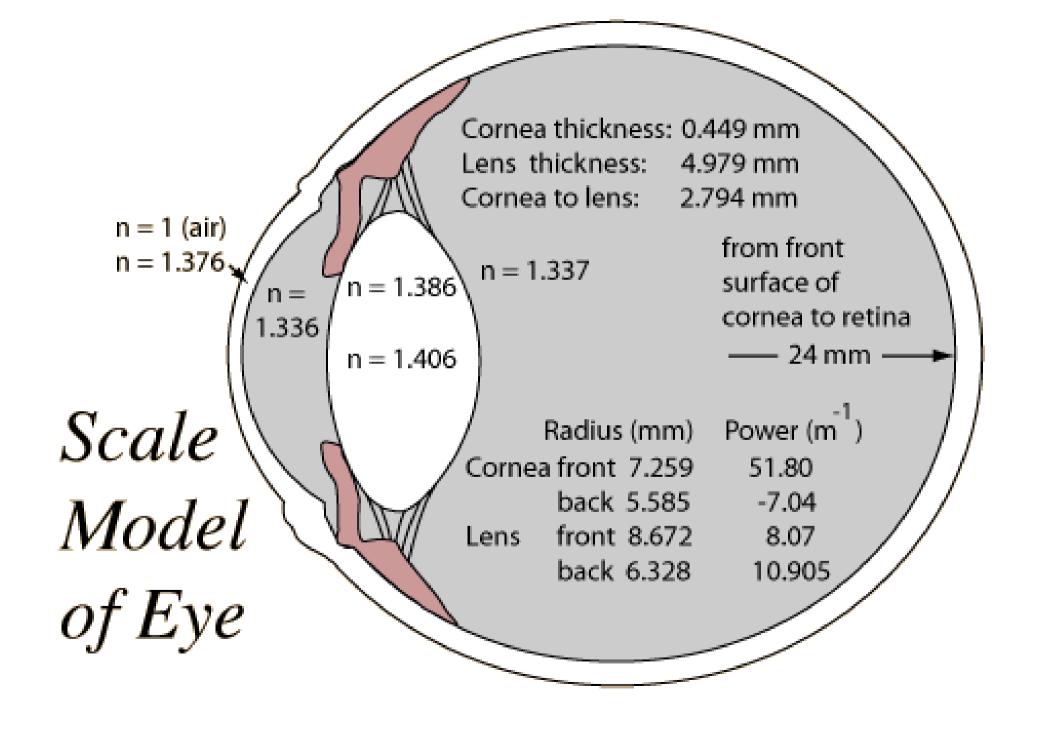
ANNOLINCEMENTS

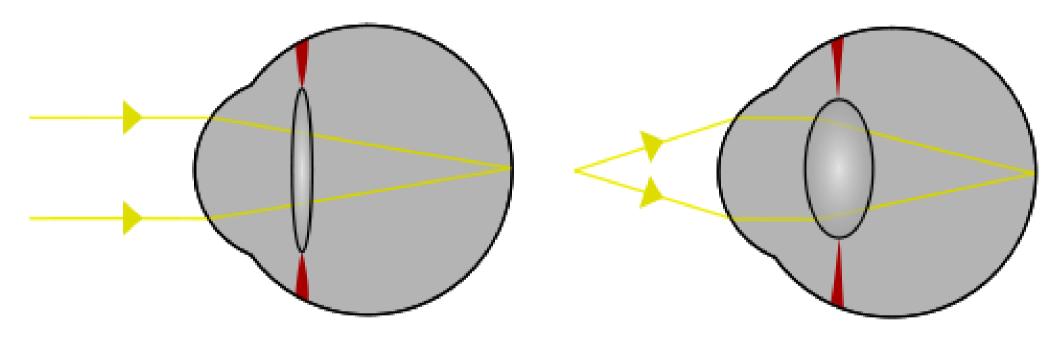
- Homework 14:
 - Due Monday, Dec. 6 by 5pm
- Quiz
 - in-class, Friday (last one!)
 - covers material from homeworks 12 and
 13
 - "flying solo" no teams on this one

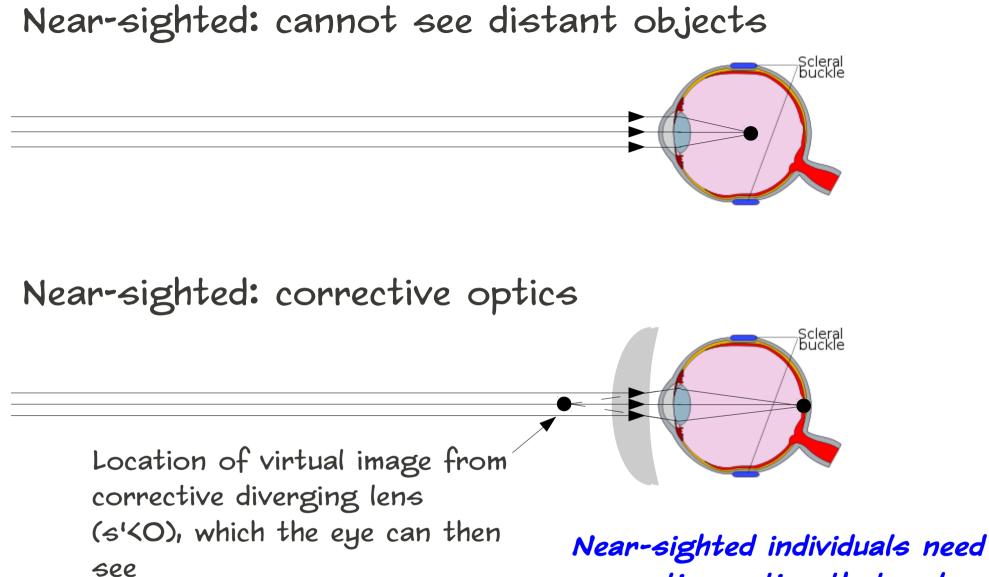






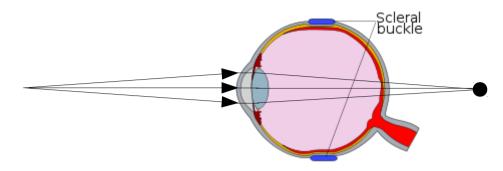




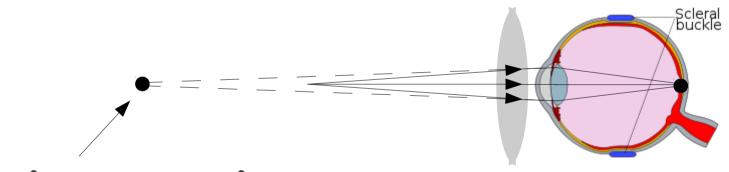


Near-sighted individuals need corrective optics that make objects look closer than they actually are so that the eye can focus on them.

Far-sighted: cannot see close objects



Far-sighted: corrective optics



Location of virtual image from corrective converging lens (s'<O), which the eye can then see. Virtual image is further away than object.

Far-sighted individuals need corrective optics that make objects look further away than they actually are so that the eye can focus on them.

LASIK

(laser-assisted in situ keratomileusis)

