

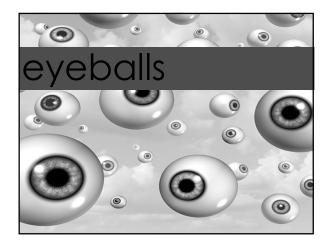


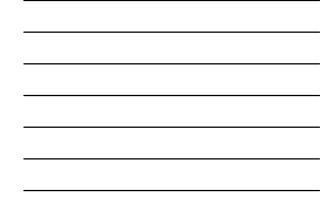


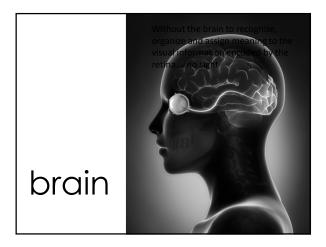
birth of a photon image formation visual perception optical Illusion things needed for visual perception

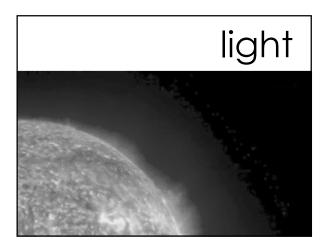


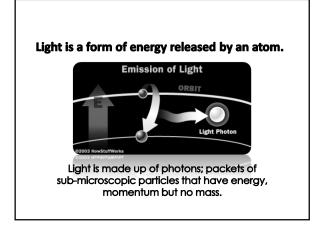


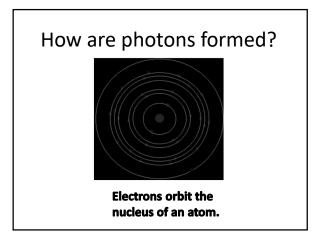


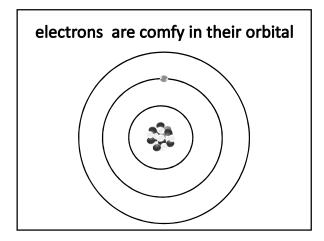




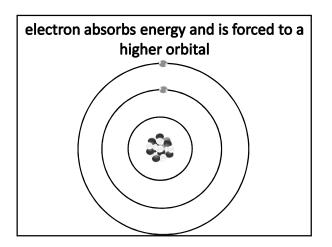




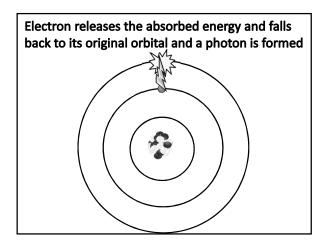




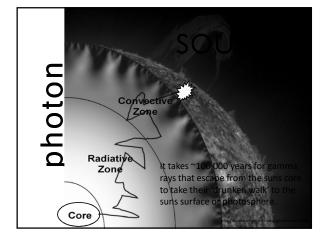


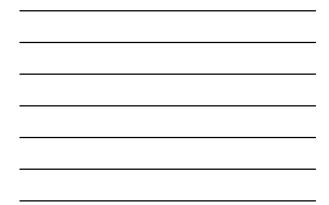


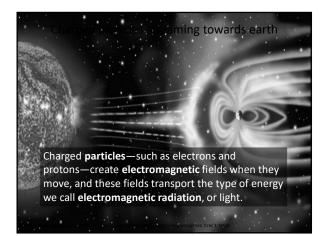


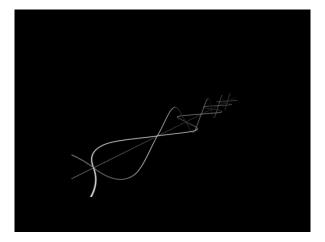


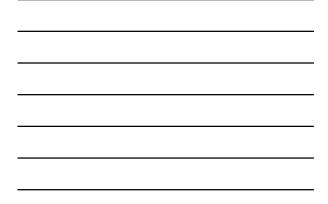


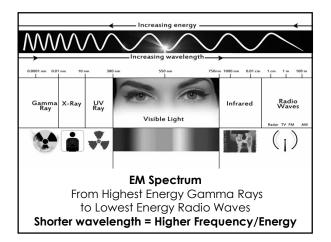




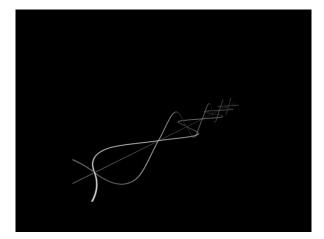






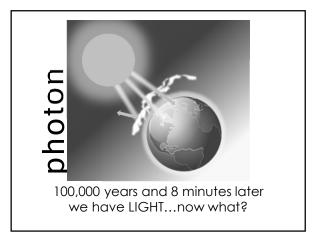




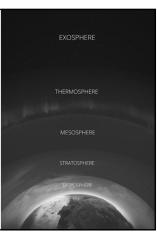




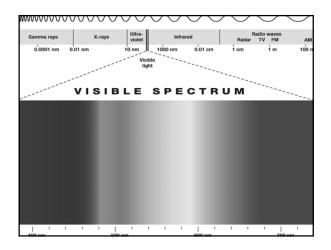
Addition escape from sum subsects. Adver Aurelie through the vacuum of spaces. Adva 2822mps, the speed of Vietst. Adva 2822mps, the spe



Some UVR, Visible Light, Infrared and Radio Waves Reach the Earths Surface

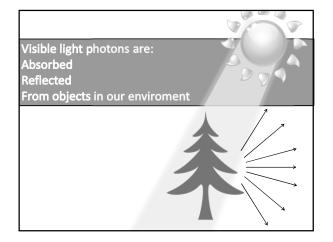




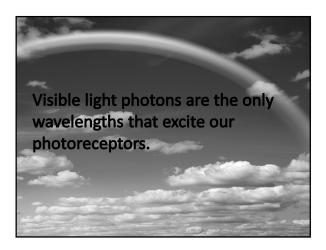


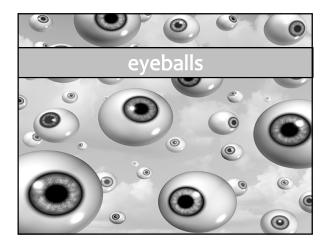


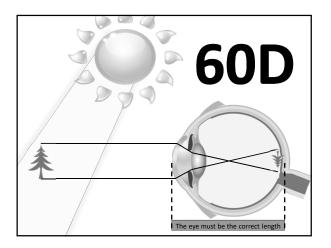






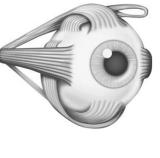








Fun Facts

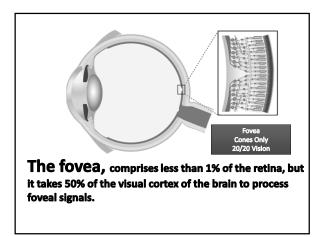


The most active muscles in your body are the muscles that move your **eyes**.

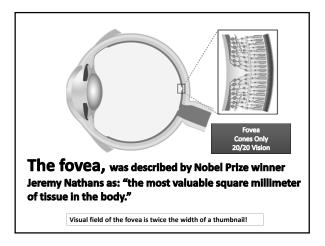
Fun Facts

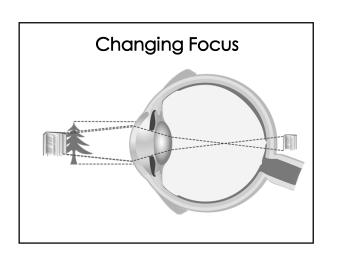


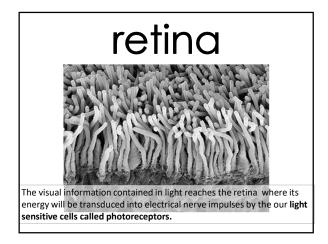
The surface tissue of your cornea (the epithelium) is one of the quickest healing tissues in your body

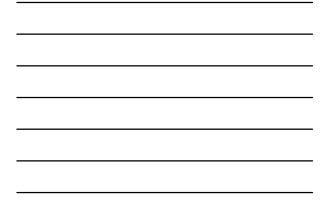


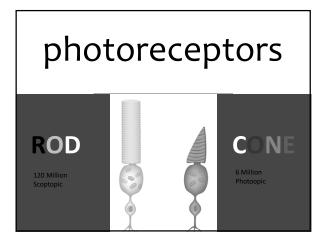




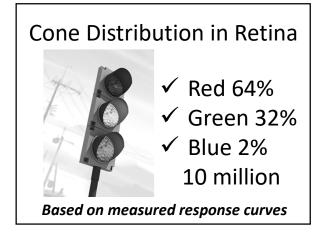




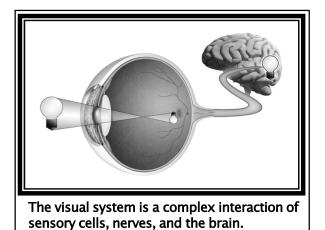


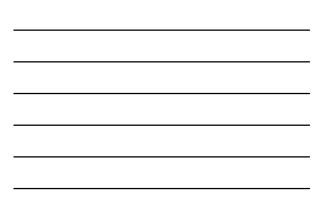












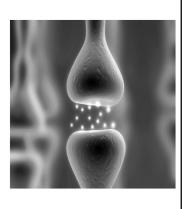
Vision is one of our most important, most complex, and most incredibly designed of all our senses.

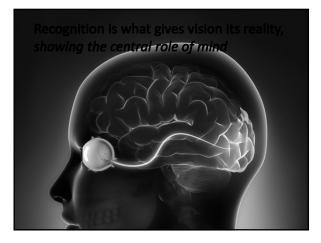
Over **70%** of our entire brain has connections to the visual system.

we see with our

brain

Organizes Interprets Assigns meaning





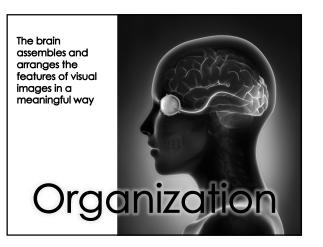


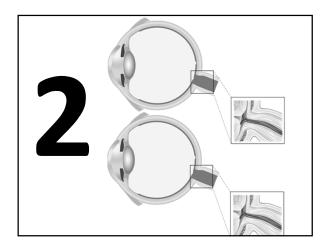


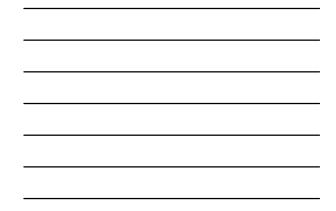
come 58 percent b

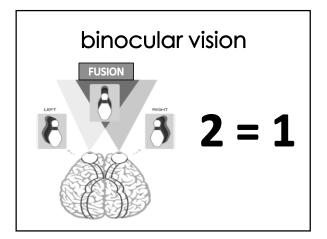
ces in contrast!

at pe

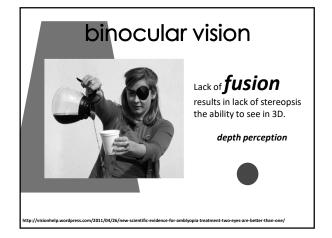












distance cues

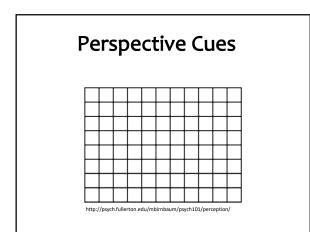
binocular cues – 2 eyes

- convergence more = closer
- retinal disparity more = further

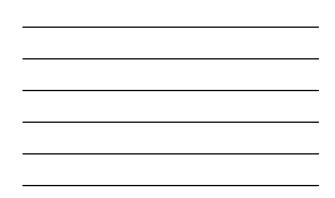
distance cues

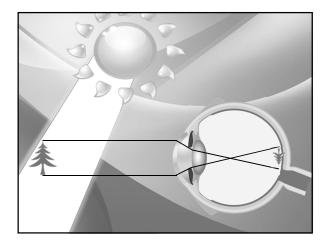
monocular cues – 1 eye

- Size
- Texture
- Overlap
- Shading
- Height
- Clarity

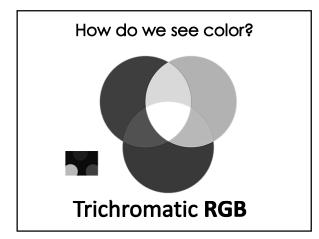














WHITE

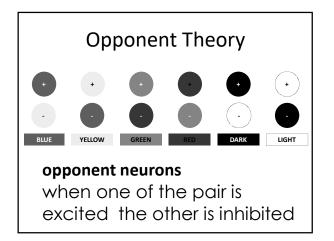
BLACK



Opponent Theory

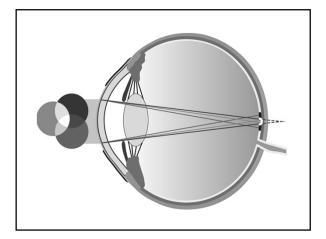
Your RED , Opponent is GREEN

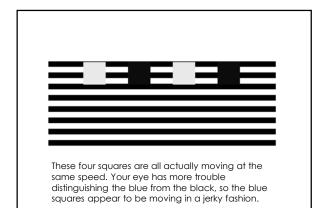
- > Your stronger RED wins
- > Opponent stronger GREEN wins
- Both equally strong no one wins



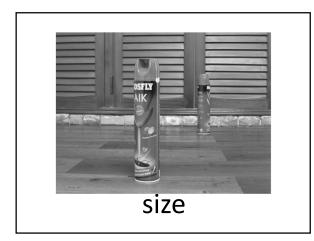


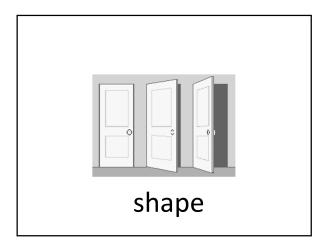




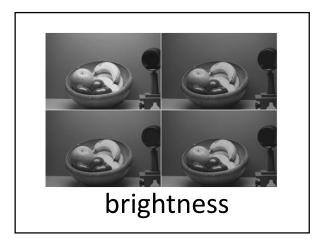


perception constants

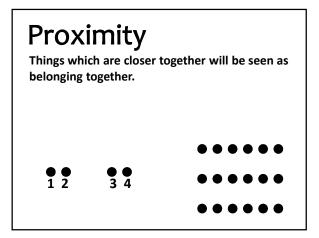




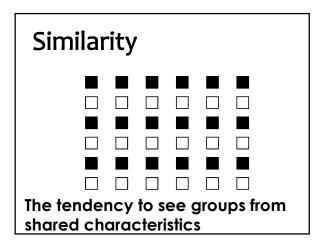




gestalt theory



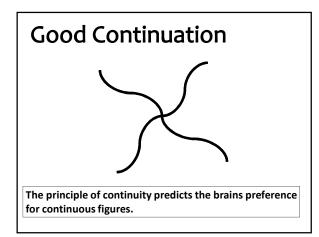




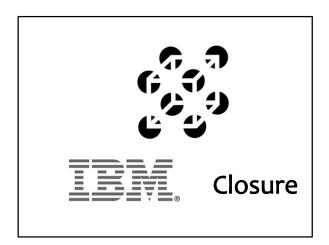




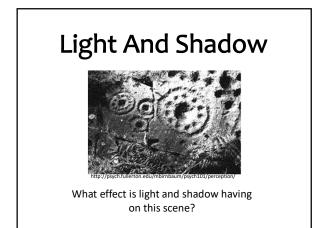
a group more than those which are a steady group because they show more coherence or unity

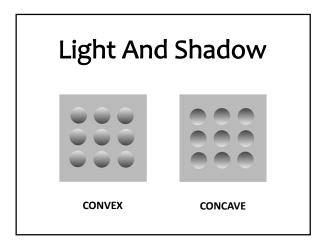




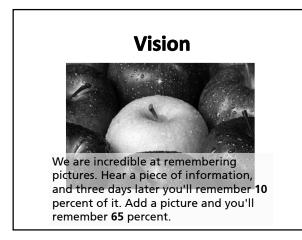


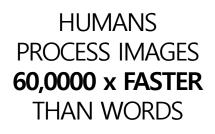










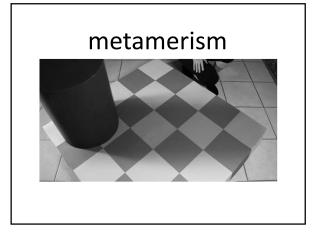


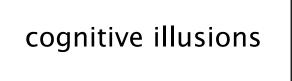
illusion

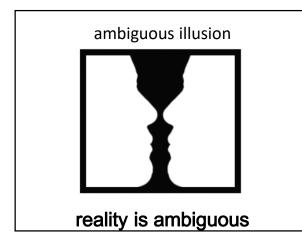
when visual experience and visual stimuli collide

metamerism

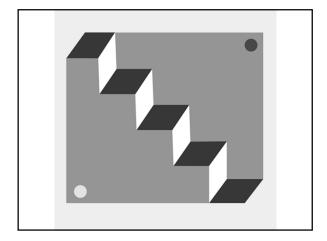
When matching colors look different due to a difference in illumination or surrounding.

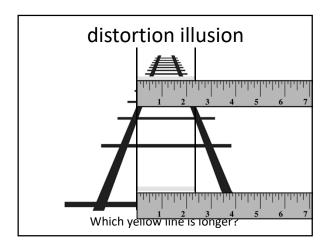




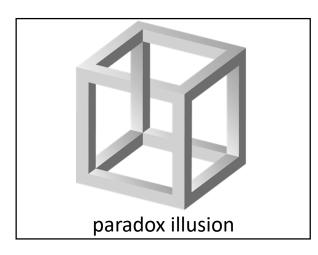




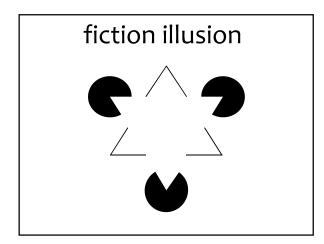




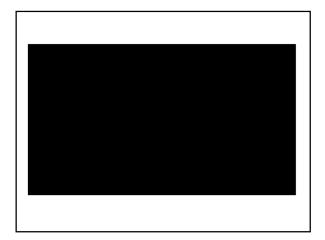






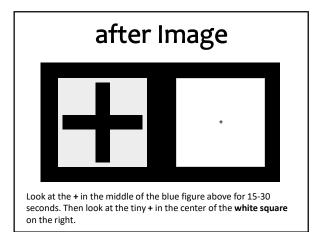


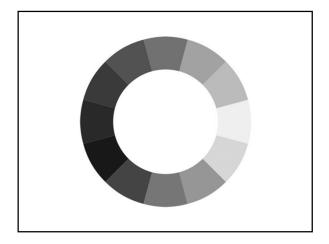


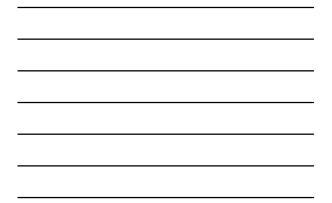




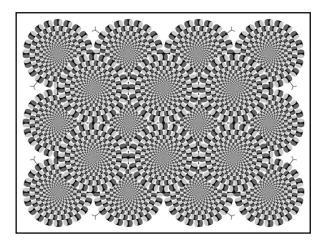
physiological illusions

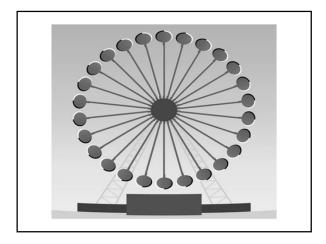




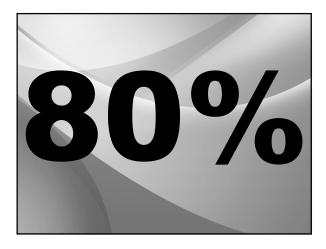


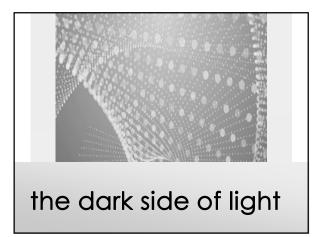
WARNING motion illusion

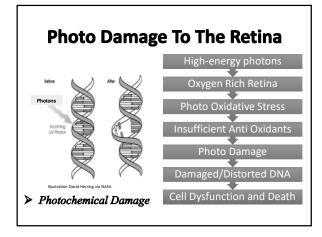




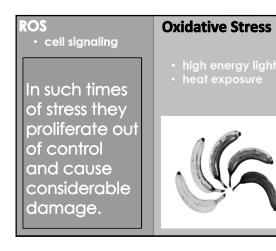


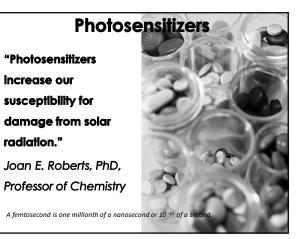


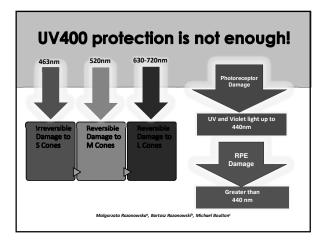






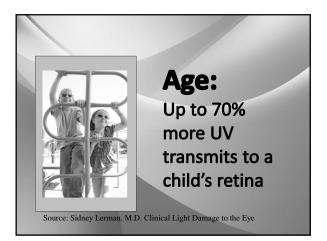




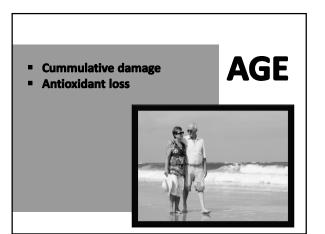










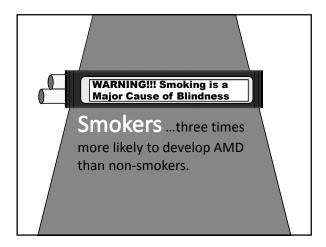


- Genetics
- Light Eye Color (AMD)
- Dark Eye Color (Cataracts)
- Gender









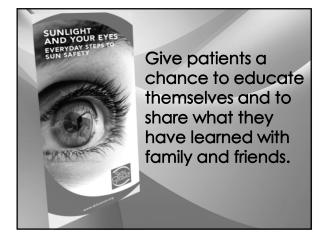


✓ blood flow

- ✓ efficient transfer of nutrients to cells
- ✓ disposal of waste products from our cell



Exposure to UV and Blue Light





Thank You!

