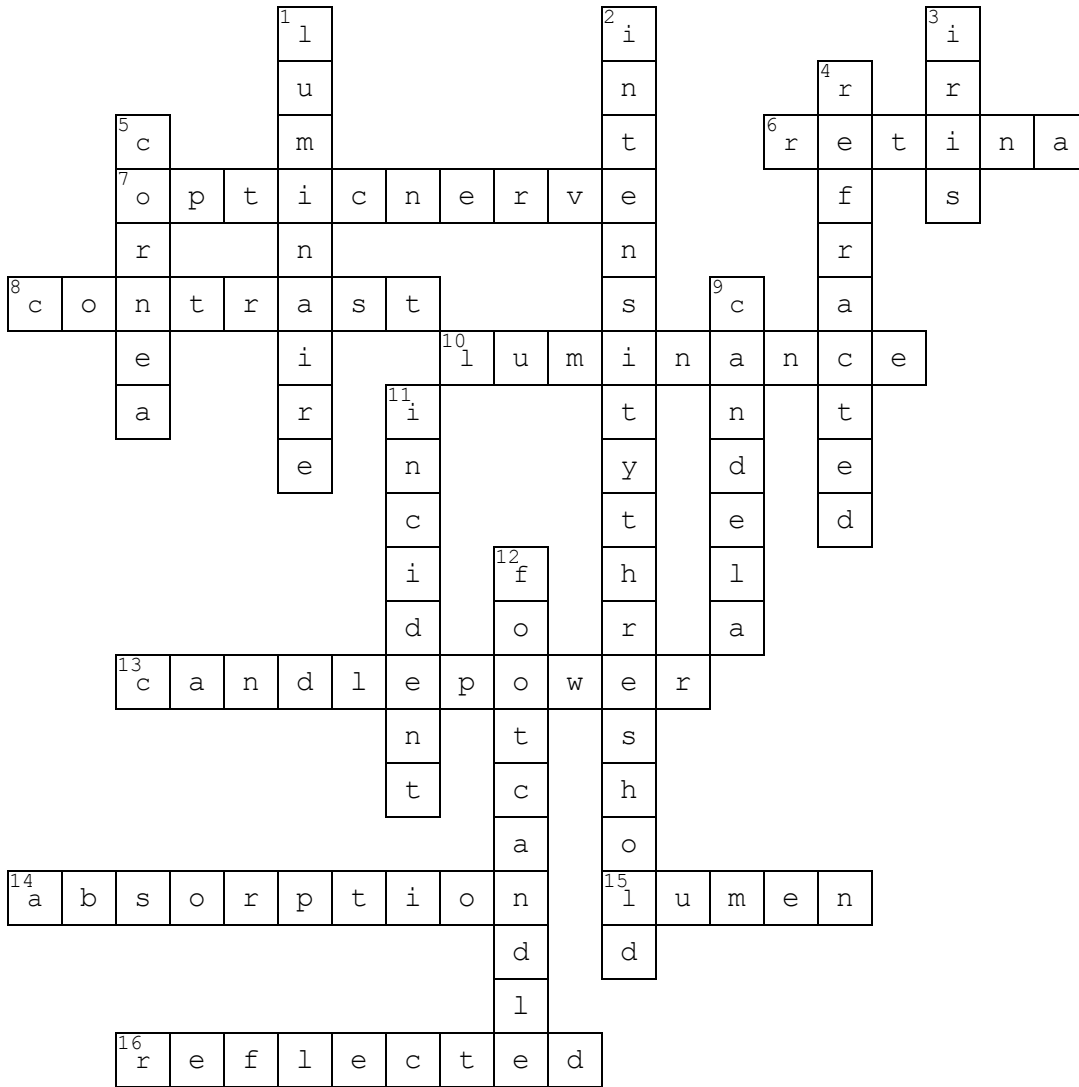


Name: _____

Lighting Crossword Puzzle

Please complete the crossword puzzle below. Note: Clues taken from NCCER Contren Learning Series, Electrical Level Two, www.merriam-webster.com, and www.dictionary.com.



Across

- 6.** The 'film' of the eye, where light stimulates nerve terminals called rods and cones (**retina**)
- 7.** Connection between the eye and the brain, transferring light impulses (**opticnerve**)
- 8.** The difference in the degree of brightness (**contrast**)
- 10.** Brightness (**luminance**)
- 13.** Luminous intensity expressed in candelas (**candlepower**)
- 14.** When light rays pass through a transparent or translucent medium or meet a dense body (**absorption**)
- 15.** The basic measure of light, equal to the amount of light cast upon one square foot of the inner surface of a hollow, one-foot-radius sphere with a light source of one candela in its center (**lumen**)
- 16.** Light given off by an object when incident light strikes it (**reflected**)

Down

- 1.** International term for 'lighting fixture' (**luminaire**)
- 2.** The lowest brightness level that can stimulate the eye (**intensitythreshold**)
- 3.** The variable diaphragm of the eye (**iris**)
- 4.** Type of light that is bent as it passes obliquely from one medium to another of different density (**refracted**)
- 5.** Transparent layer at the front of the eye (**cornea**)
- 9.** The base unit of luminous intensity in the International System of Units (**candela**)
- 11.** Type of light emitted from a light source (**incident**)
- 12.** The illumination produced by a source of one candle at a distance of one foot and equal to one lumen incident per square foot (**footcandle**)