Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Sensation and Perception Web Quest***

Go to:  <http://users.rcn.com/jkimball.ma.ultranet/BiologyPages/V/Vision.html>

1.)  Identify & explain the role each plays in vision:

            a.  iris

            b.  pupil

            c.  retina

            d.  Rods—be specific!

            e.  Cones—be specific!

            f.  Lens

            g.  Cornea

h fovea (will need to search for role on other sites)

***Go To:***[***http://faculty.washington.edu/chudler/chsense.html***](http://faculty.washington.edu/chudler/chsense.html)***and answer the questions/perform the tasks that follow.***

>***Click on the eye and scroll down and try out the various blind spot activities.***

2.)  Why do humans have blind spots?

***Continue scrolling until you get to the portion titled “Afterimages.”  Click on the link, “interactive demonstration of after images.”***

3.)  Follow the instructions in this demonstration.  What happened?

4.)  Why does the “after image” appear?

***Go back to the main vision page.  Scroll down to “Context” and follow the instructions.***

5.)  How does context affect our outlook?

*Go To:*[*http://psych.hanover.edu/Krantz/sen\_tut.html*](http://psych.hanover.edu/Krantz/sen_tut.html)

6.)  What is size constancy?

7.) Draw an example. (you don’t have to be an artist)

***Go to:***[***http://allpsych.com/psychology101/sensation.html***](http://allpsych.com/psychology101/sensation.html)

8.)  Define the following concepts:

            a.  Absolute threshold

            b.  Difference threshold

            c.  Just Noticeable Difference

            d.  Weber’s Law

***Go To:***[***http://www.kidshealth.org/kid/htbw/htbw\_main\_page.html***](http://www.kidshealth.org/kid/htbw/htbw_main_page.html)***Select the ear from the scrolling list of topics.  Click on articles and select, “the ear.”***

9.)  How do we hear?  Be specific & make sure to include all applicable parts of the ear in your description.

***Go to:***[***http://users.rcn.com/jkimball.ma.ultranet/BiologyPages/T/Taste.html***](http://users.rcn.com/jkimball.ma.ultranet/BiologyPages/T/Taste.html)

10.) Discuss some of the properties of the taste system.

11.)   Identify the primary taste sensations; what are they called & what flavors does each detect?