**Physics: Light Worksheet**

1. Describe how your flat screen T.V. works in terms of polarizer filters and the light that you see.
2. Why does wearing polarized sunglasses allow you to see further into water than when you do not wear them?
3. Why is most smoke white? Explain.
4. In general, how does a CD or a DVD store information? How do can we then access this information? What property of light is essential for this?
5. Explain why the sky is blue.
6. Why are rainbows curved? Expalin.
7. If I wanted to take white light and separate it into its wave components. What are two ways that I could increase the distance of separation between the colors of light?