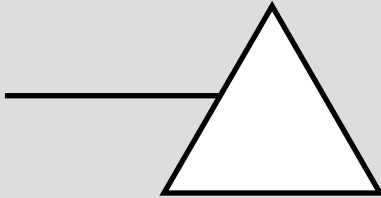


Name _____ Date Due _____

Homework 2 – Light

1. Complete the diagram to show what happens to light when it passes through a prism.



2. The three “primary” colours of light are red, green and blue. Complete the sentences below to show which colours are created when the colours mix

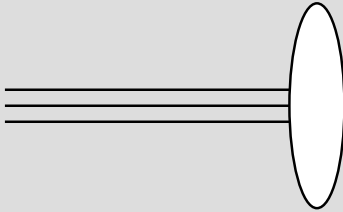
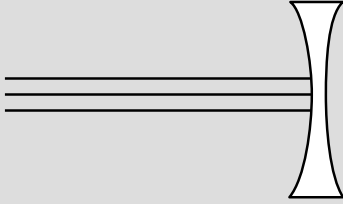
Red light and blue light mix to give _____ light.

_____ light and green light mix to give yellow light.

Blue light and green light mix to give _____ light.

Red, green and blue light mix to give _____ light.

3. Complete the diagrams below to show the path of the light when it leaves the lenses.



Label the diagrams with "*concave lens*" and "*convex lens*".

4. RESEARCH ONLINE: what is the difference between "reflection" and "refraction"?