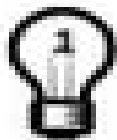


## Lighting It Up with True or False!

Directions: Read each statement. If it is true, color the light bulb YELLOW. If the statement is false, color the light bulb PURPLE.



1. When a light bounces off of an object at an angle it is called refraction.



2. An object that blocks all light is called an opaque object.



3. The closer an object is to the light source, the longer the shadow is.



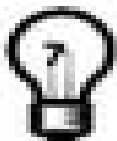
4. A prism is an object that separates white light and bends it into the colors that make it up.



5. Convex lens is a lens that separates light and curves it outward.



6. An example of a translucent object is a desk.



7. ROY G BIV refers to the spectrum that white light is made up of.