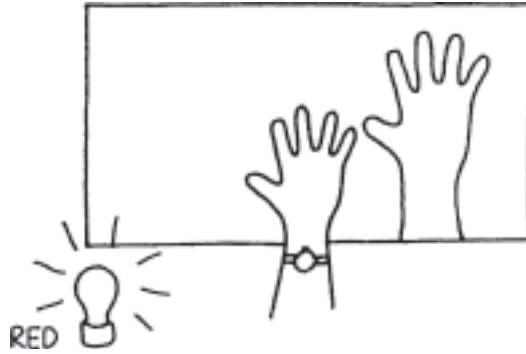


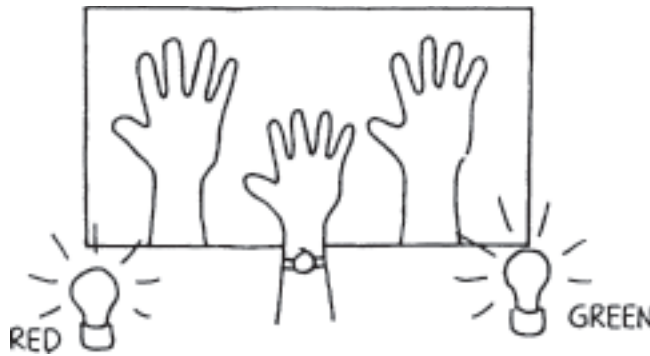
**Concept-Development Practice Page** **28-1**

**Color**

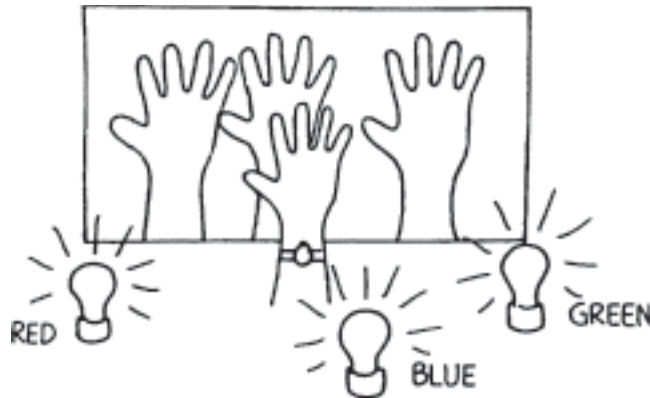
1. The sketch shows the shadow of your hand held in front of a white screen in a darkened room. The light source is red, so the screen looks red and the shadow looks black. Color the sketch with colored markers, or label the colors with pen or pencil.



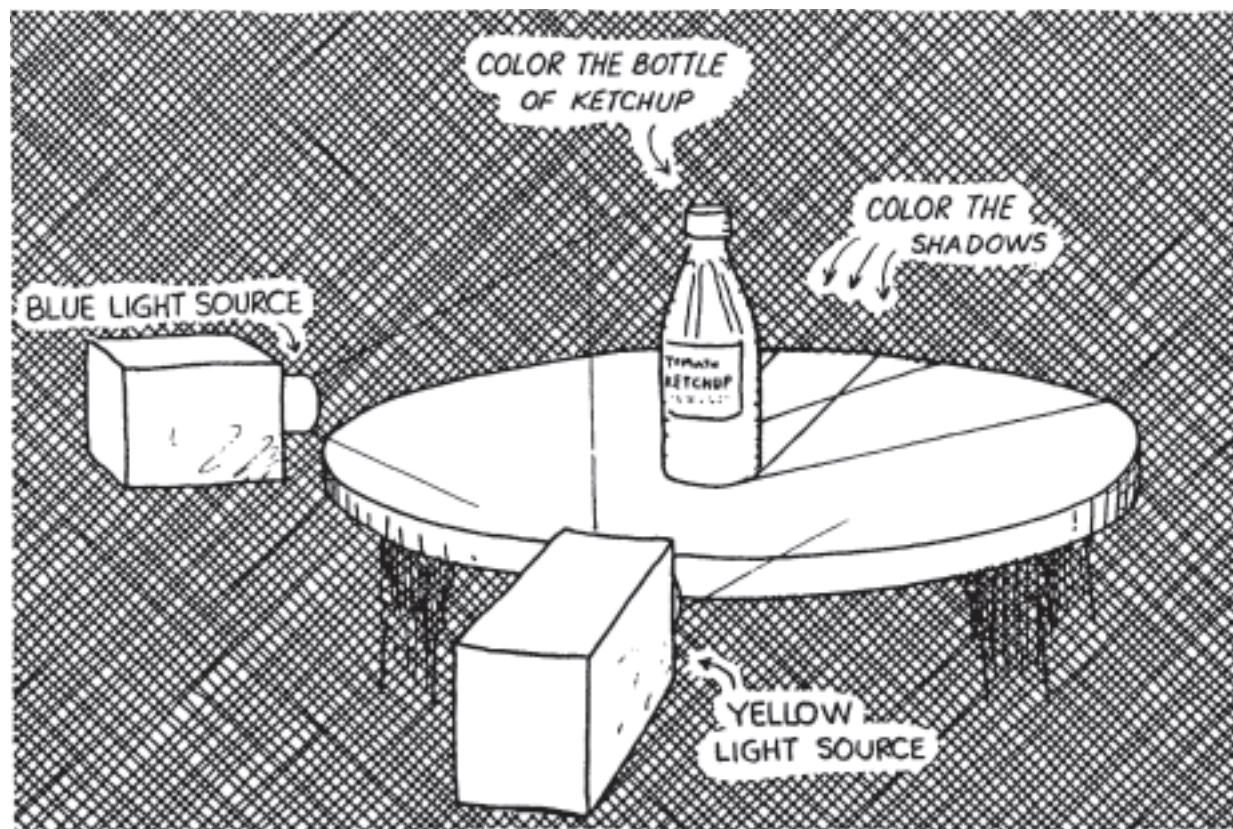
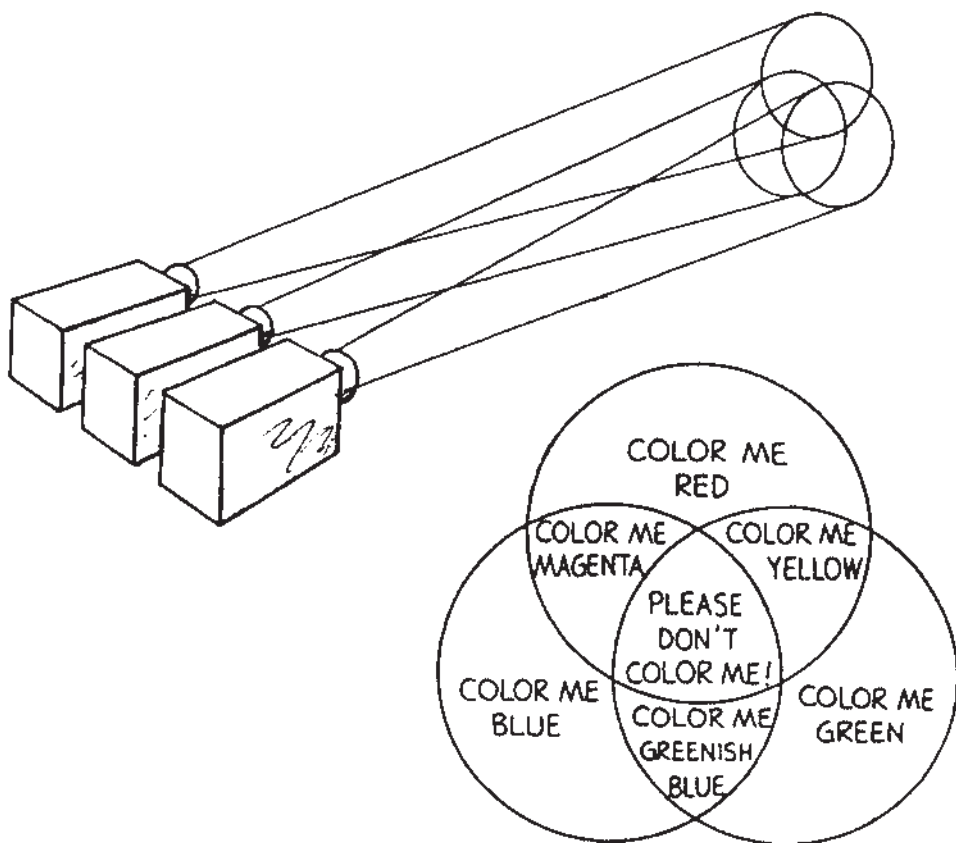
2. A green lamp is turned on and makes a second shadow. The formerly black shadow cast by the red light is no longer black, but is illuminated with green light. So it is green. Color or mark it green. The shadow cast by the green lamp is not black because it is illuminated with the red light. Color or mark its color. The background receives a mixture of red and green light. Figure out what color the background will appear; then color or label it.



3. A blue lamp is turned on and three shadows of your hand appear. Color or label the appropriate colors of the shadows and the background.



4. If you have colored markers, have a go at these.



### CONCEPTUAL PHYSICS