

**Work each of the following problems. SHOW ALL WORK.**

1. Which color is seen when the following two colors of light are combined?

a. red light + green light = \_\_\_\_\_

b. red light + cyan light = \_\_\_\_\_

c. green light + magenta light = \_\_\_\_\_

d. green light + blue light = \_\_\_\_\_

e. red light + blue light = \_\_\_\_\_

2. Which color is seen when the following colors of light are shown on the corresponding colors of paper?

a. red light on blue paper: \_\_\_\_\_

b. blue light on cyan paper: \_\_\_\_\_

c. green light on yellow paper: \_\_\_\_\_

d. magenta light on red paper: \_\_\_\_\_

e. magenta light on green paper: \_\_\_\_\_

f. blue light on yellow paper: \_\_\_\_\_

g. cyan light on magenta paper: \_\_\_\_\_

h. yellow light on cyan paper: \_\_\_\_\_

i. magenta light on yellow paper: \_\_\_\_\_

j. cyan light on green paper: \_\_\_\_\_