

## *Black & White Makes Color?*

Initials/number: \_\_\_\_\_

Teacher: \_\_\_\_\_

Date: \_\_\_\_\_

1. Color sensing nerves, called cones, are located on the retina in the back of the eye. Cones are sensitive to 3 colors: \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.

- A. Red, white, black
- B. Red, orange, blue
- C. Red, purple, blue
- D. Red, green, blue

2. \_\_\_\_\_ light causes all three types of cones to fire, and our brain tells us we are seeing \_\_\_\_\_.

- A. White, white
- B. White, black
- C. Neither of these

3. The picture shows a top with the black and white Benham's disc pattern spinning. When people look at the spinning top \_\_\_\_\_.

- A. They will see black, white, and one other color
- B. They will see black, white, and two other colors
- C. Different people will perceive different colors and some will not see anything other than black & white

