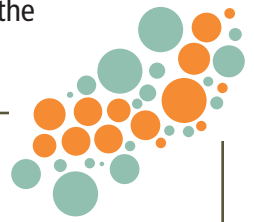


Name _____

Instructions: Choose at least ten details from the book, consider their effect on the reader, and record them in the appropriate evidence box. Then, examine the evidence and check the box in front of the term that best describes the author's purpose for this book.



☐ To Inform

Evidence:

☐ To Persuade

Evidence:

☐ To Entertain

Evidence:

Color Blindness • Level W • 1

Skill: Author's Purpose

Name _____

Instructions: In the sentences below, circle the hyphenated compound adjective. Then, underline the noun or nouns they describe. Finally, choose one of the hyphenated compound adjectives and use it in an original sentence.



- 1 Humans see colors because light-detecting cells in our eyes respond differently to different wavelengths of light.
- 2 Each cell contains one of the three different light-absorbing molecules that detect blue, green, or red light.
- 3 Red-green color blindness is usually caused by defects in the green photopigment.
- 4 More commonly, people who are blue-yellow color blind have partially functional blue cone cells.
- 5 People with color blindness have trouble reading color-coded information on maps, graphs, and charts.
- 6 New tools help color-blind people choose ripe fruit and pick out matching clothes.
- 7 Choosing a red crayon is much easier for someone with full-color vision than someone with red-green color blindness.



My Sentence:

Name _____

Instructions: Use the words in the box to create compound words to complete the sentences below.

photo	wide	bow	lengths	phone	glasses	rain	over
pigments	wave	world	sun	smart	lap	one	some

- 1 If you use a prism to separate light into a _____, you're actually separating it into different _____.
- 2 That's how the world can appear to _____ who is color-blind.
- 3 When one or more _____ isn't functioning properly, though, color blindness results.
- 4 Red and green cones have some _____ in the wavelengths of light they detect.
- 5 Only about one out of thirty thousand people _____ is missing all three types of cones.
- 6 Some _____ apps can identify colors only after the user snaps a photo.
- 7 Special _____ that use these lenses allow people with red-green color blindness to distinguish between the two colors.