

# Rainbow Science Review

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## Understanding Light and Color

Name: \_\_\_\_\_

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

Answer the following questions based on what you learned about prisms and light.

1. What does a prism do to white light?

- A. It makes it disappear
- B. It separates it into colors
- C. It makes it brighter

2. White light is made up of all the colors of the \_\_\_\_.

3. What colors did you see in your rainbow?

4. A prism can only show one color of light.

- True       False

5. How does light travel?

- A. In straight lines
- B. In waves
- C. In circles

6. Why do you think God made light so interesting?

7. God's rainbow is a sign of a \_\_\_\_ between Him and the earth.

8. Colors can remind us of God's creativity.

- True       False

9. What is an example of how we can explore light and color?

- A. Using a mirror
- B. Using a prism
- C. Using a flashlight

10. How does a prism change white light?

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### Answer Key

1. It separates it into colors    2. spectrum    3. I saw red, orange, yellow, green, blue, indigo, and violet.    4. False    5. In waves    6. Because it allows us to see the beauty of His creation in many colors.    7. covenant    8. True    9. Using a prism    10. A prism changes white light by bending it and separating it into different colors.