

Name \_\_\_\_\_

## Chasing Rainbows: The Magical Creation of Colors

### Short Answer

1. Explain the process of dispersion and how it leads to the separation of colors in a rainbow.
2. Why is the order of colors in a rainbow always the same (ROYGBIV), and what causes this specific sequence?
3. Describe the shape of a rainbow and explain why it appears as a semi-circular arc in the sky.
4. How does a double rainbow form, and what is the difference between the primary and secondary rainbows?
5. Explore the cultural significance of rainbows in at least one culture or mythology, providing examples of how they are viewed and interpreted.

