

Name _____

Eclipse Enigma: Unraveling the Mystery of Solar Eclipses

Multiple Choice Questions

1. What is a solar eclipse?
 - a) The Moon passing between the Earth and the Sun
 - b) The Sun passing between the Earth and the Moon
 - c) The Earth passing between the Moon and the Sun
 - d) The Moon passing behind the Earth

2. Which type of solar eclipse is the rarest and most awe-inspiring?
 - a) Total Solar Eclipse
 - b) Partial Solar Eclipse
 - c) Annular Solar Eclipse
 - d) Penumbral Lunar Eclipse

3. When can a solar eclipse occur?
 - a) During a Full Moon
 - b) During a New Moon
 - c) During a Crescent Moon
 - d) During a Waxing Gibbous Moon

4. What is the path of totality during a solar eclipse?
 - a) The area where the Sun is completely blocked by the Earth
 - b) The area where the Sun is completely blocked by the Moon
 - c) The narrow strip on Earth where a total solar eclipse is visible
 - d) The region where the Moon is entirely illuminated by the Sun

5. Why is it dangerous to look directly at the Sun during a solar eclipse?
 - a) It can make you dizzy.
 - b) It can cause a headache.
 - c) It can lead to permanent eye damage.
 - d) It can cause temporary blindness.

