

Eclipses: Rare Alignments

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Understanding Solar and Lunar Eclipses

Name: _____

Date: _____

Answer the following questions based on what you've learned about eclipses and their significance.

1. What alignment is necessary for a solar eclipse to occur?

- A. Earth between the Sun and Moon
- B. Moon between the Earth and Sun
- C. Sun between the Earth and Moon

2. Explain why lunar eclipses may not happen every month.

3. Eclipses show the ___ design of God's creation.

4. Eclipses occur every month because of the moon's orbit around the Earth.

- True False

5. Why do you think God designed eclipses to be rare?

- A. To create wonder
- B. To confuse people
- C. To mark the seasons

6. Describe one way ancient cultures might have interpreted an eclipse.

7. The scripture Psalm 19:1 reminds us that the heavens declare the ___ of God.

8. A solar eclipse can only be seen from specific locations on Earth.

- True False

9. What are the two main types of eclipses?

- A. Solar and lunar
- B. Day and night
- C. Partial and total

10. What did you learn about the importance of the alignment of the sun, moon, and Earth?

Answer Key

1. Moon between the Earth and Sun 2. Lunar eclipses require the moon to be in the Earth's shadow, but the moon's orbit is tilted, so it often passes above or below the shadow. 3. precise 4. False 5. To create wonder 6. Ancient cultures may have seen eclipses as signs from the gods, signaling important events or changes in the world. 7. glory 8. True 9. Solar and lunar 10. I learned that the alignment is crucial for creating eclipses and that it shows God's amazing design in the universe.