

Solar Eclipse Quiz: Trivia Questions and Answers

1. What is the correct alignment during a solar eclipse?

- Sun, earth, moon
- Moon, sun, earth
- Sun, moon, earth

2. What is the maximum number of solar eclipses that can occur during a calendar year?

- 5
- 1
- 4

3. Solar eclipses always occur on _____

- New moon
- Full moon
- Crescent moon

4. What is the average duration of totality in a total solar eclipse?

- 2 – 3 minutes
- 10 – 20 seconds
- 1 – 2 hours

5. The same pattern of solar eclipses will repeat every 18 years 11 days 8 hours. This is known as the _____

- Saros cycle
- Mayan cycle
- Hedes cycle

6. When did the longest solar eclipse happen?

- 1955
- 2009
- 2018

7. How often does a total solar eclipse occur?

- Every 12 months
- Every 18 months
- Every 6 months

8. Which type of eclipse happened in August 2017?

- It was a lunar eclipse
- It was a partial eclipse
- It was a total eclipse

9. When do annular eclipses happen?

- When the moon is too far from Earth
- When the moon is too far from the Sun
- During hurricane season

10. What is the outermost layer of the Sun called?

- Photosphere
- The Milky way
- X rays

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Right answers

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