

Eclipses Practice Worksheet

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1. The maximum time for a total solar eclipse is two hours.
 - a. TRUE
 - b. FALSE

2. When only a portion of moon passes through Earth's umbra a _____ takes place.
 - a. Total lunar eclipse
 - b. Penumbral lunar eclipse
 - c. Partial Lunar Eclipse
 - d. None of the above

3. As the Earth is covered by the Moon's shadow, it will get _____.
 - a. Hotter outside
 - b. Cooler outside
 - c. Moderate outside
 - d. None of the above

4. The outer part of the shadow that remains partially lit during an eclipse is called the penumbra.
 - a. TRUE
 - b. FALSE

5. At which phase of the Moon do solar eclipses occur?
 - a. Full
 - b. New
 - c. First quarter
 - d. None of the above

6. The term "ambra" is used for the inner cone shaped part of a shadow when light is blocked during an eclipse.
 - a. TRUE
 - b. FALSE

7. Lunar eclipses are impossible on Mercury and Venus because _____.
 - a. They are very small
 - b. They have no moons

- c. They are very thin
- d. None of the above

8. The umbra is the part of the shadow in which light is _____.

- a. Partially blocked
- b. Partially lit
- c. Completely lit
- d. Completely blocked

9. Solar eclipses last only a few minutes because the Moon casts a small shadow.

- a. TRUE
- b. FALSE

10. A solar eclipse occurs when the Moon's shadow completely blocks the Sun.

- a. TRUE
- b. FALSE

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