

Earth's Rotations Practice Worksheet

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1. These things differ by location:
 - a. Sunrise and sunset
 - b. The length of day and night
 - c. The amount of daylight and darkness
 - d. All of these

2. The Earth rotates on its axis every
 - a. 60 minutes
 - b. 24 hours
 - c. 365 days
 - d. 60 seconds

3. A point at the Equator rotates extremely fast, but a point near the south pole barely moves at all.
 - a. TRUE
 - b. FALSE

4. What is the Earth's rotation period in seconds relative to the Sun?
 - a. 86,400 seconds
 - b. 84,000 seconds
 - c. 80,000 seconds
 - d. None of the above

5. Earth's axis of rotation passes through the planet from the North Pole to the _____.
 - a. Prime Meridian
 - b. South Pole
 - c. Equator
 - d. Core

6. How long does it take for Earth to make a complete rotation?
 - a. 1 year
 - b. 1 week
 - c. 1 day
 - d. 1 month

7. The sun, moon, and stars appear to rise in the east and set in the west because Earth rotates in a _____-direction.
- a. clockwise
 - b. counterclockwise
8. Which of the following is the best evidence to prove that Earth spins on its axis?
- a. Changes in the position of sunspots on the Sun
 - b. The apparent shifts in the swing of a Foucault pendulum
 - c. Atmospheric density variations
 - d. None of the above
9. Which of the following is responsible for the phenomenon of day and night?
- a. Earth's rotation
 - b. Coriolis effect
 - c. Earth's revolution
 - d. None of the above
10. The length of a day and a night is different in different locations on Earth and in different seasons.
- a. TRUE
 - b. FALSE

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