

## Seasons Practice Worksheet

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1. Which is true about the equinox?
  - a. It is halfway between the two solstices
  - b. The daylight and the nighttime hours are exactly equal
  - c. There is a vernal and an autumnal one
  - d. All of the above
  
2. Earth has seasons, which means different \_\_\_\_\_ get different amounts of sunlight at different times of year.
  - a. longitudes
  - b. latitudes
  
3. June 21 or 22 is the longest day in the Northern Hemisphere.
  - a. TRUE
  - b. FALSE
  
4. Which of the following factors accounts for the seasonal changes that different parts of the Earth experience?
  - a. The Earth is gravitationally attracted to the Sun.
  - b. The Earth takes one year to revolve around the Sun.
  - c. The Earth is tilted in relation to the Sun and hemisphere pointed towards the sun changes over the course of a year.
  - d. The Earth rotates on its axis.
  
5. The vernal equinox happens around March 21 or 22 for the northern hemisphere and September 22 or 23 for the southern hemisphere.
  - a. TRUE
  - b. FALSE
  
6. Earth is tilted on its axis by \_\_\_\_\_.
  - a. 23.5 degrees
  - b. 24.5 degrees
  - c. 26.5 degrees
  - d. 25.5 degrees
  
7. Which part of the planet receives the most solar radiation?

- a. Oceans
  - b. Polar region
  - c. Both A and B
  - d. Equator
8. Earth's axis of rotation is pointed toward Polaris, the North Star, in the summer, but away from Polaris in the winter.
- a. TRUE
  - b. FALSE
9. When Earth's axis points the northern hemisphere towards the Sun, it is \_\_\_\_.
- a. Rain for that hemisphere
  - b. Winter for that hemisphere
  - c. Spring for that hemisphere
  - d. Summer for that hemisphere
10. If it is summer solstice in the Northern Hemisphere, where is the sun most directly hitting Earth?
- a. Tropic of Capricorn
  - b. Tropic of Cancer

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