

Name: _____

Class: _____

Chapter 1 - Topic 4: Seasons (worksheet)

Answer the following questions.

1. Name the four seasons. _____
2. Are the Earth's seasons caused by the differences in the distance from the sun throughout the year or the tilt of the earth's axis?

3. What is the tilt of the earth's axis (in degrees)? _____
4. During which season do the sun's rays hit the earth at the most direct angle?

5. During which season are the days the shortest? _____
6. What is the name of the shortest day of the year in the northern hemisphere? (this day marks the beginning of winter in the N.H.) _____
7. During this time (answer of question 6) what season will it be in the S.H.? _____
8. What is the name of the day in which the day and night are of equal duration? _____
9. How many times each year do we have such days (answer of question 8)? _____
10. What are the dates and names of each of these days (answer of question 8)?

11. On the 12th of February what season will it be in Ecuador (situated on latitude: 0° - 4°S).
Give a reason for your answer. _____
12. **True or False.** On the 21st of June the South Pole have 24hrs of daytime _____
13. **True or False.** During an equinox the sun is direct on the equator _____
14. **True or False.** If in Malta it's summer, in Australia it's autumn _____
15. **True or False.** Solstice means the sun is direct on the Arctic or Antarctic circle _____

In the space below draw a diagram to show how the earth is tilted during the month of December (make sure to mark the sun, the tilt and the lines of latitude).

