1. Earth spins on its axis, which is tilted _______________ degrees relative to its plane of orbit.

2. The light is most intense where it strikes Earth ______________________ to its surface.

3. Why is Earth warmest near the equator and coldest near the poles? ________________________________

4. When the Northern Hemisphere is pointed toward the Sun, it is considered ______________ in North America.

5. When the Southern Hemisphere is pointed away from the Sun, it is considered ____________________ in South America.

6. Why are there more hours of daylight during the summer? ________________________________________

7. Why are there zero hours of daylight at the North Pole and South Pole in the winter? ______________

8. At what latitude are there almost no differences between the seasons? Explain why this occurs. ________________________________

9. What causes the intensity of light to be lower in the winter in locations other than the equator? ______________

10. On the back of this paper, draw a model that supports your answer to question 9.