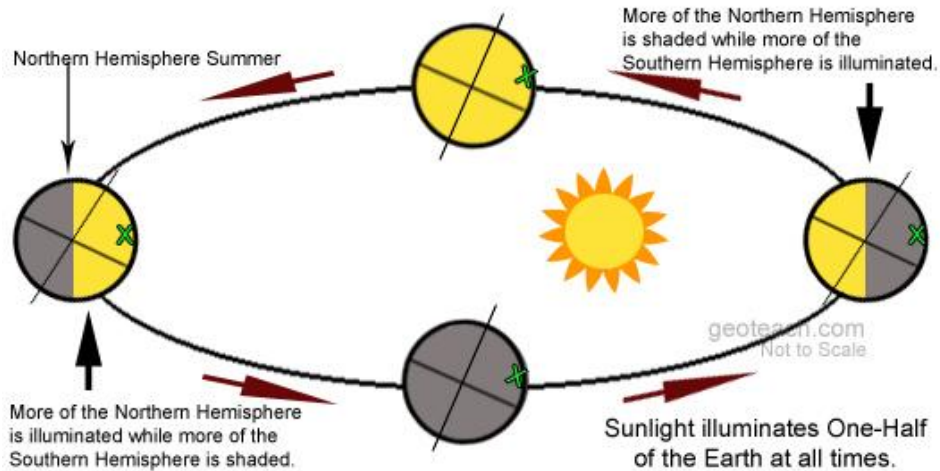


If Earth Stopped Rotating

Name: _____

DIRECTIONS:

Look at the illustration below which shows Earth in its revolutionary orbit around the sun. An "X" has been placed at the approximate location of the United States. Based on your knowledge of Earth Science, answer the question below using complete sentences in paragraph format. Support your answer with scientific information. Write or type at least one-half page describing the effects of a Non-Rotating Earth. You may answer at the bottom of the worksheet in the space provided.



QUESTION:

If the Earth were to stop rotating, describe any effects that a *Non-Rotating Earth* would have on people living in the United States. Expand your thinking and your answer to include, not only a time period of one year, but also the cumulative effects over a longer time period. **Consider:** First the astronomy and then, seasonal, weather, cultural, economical and psychological factors. Think about effects that Earth's movement has on each of these, then determine how these effects would change if movement stopped.