

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Multiple Choice

Please circle the letter that best completes the statement. Each response is worth three points.

1. A circle or sphere has \_\_\_ degrees.  
A. 90  
B. 180  
C. 270  
D. 360  
E. 1000
2. Horizontal Lines that circle the globe from east to west are known as  
A. Lines of Latitude.  
B. Line of Longitude.  
C. parallels.  
D. meridians.  
E. both a and c.
3. The Prime Meridian runs through here.  
A. New York, New York  
B. Boulder, Colorado  
C. Greenwich, England  
D. Paris, France  
E. Moscow, Russia
4. This line is about 180° from the Prime Meridian.  
A. the International Date Line  
B. the equator  
C. the North Pole  
D. the South Pole  
E. all of the above
5. When it is noon at the Prime Meridian, what time is it along the International Date Line?  
A. 12:00 p.m. (noon)  
B. 6:00 p.m.  
C. 9:00 p.m.  
D. 12:00 a.m. (midnight)  
E. 6:00 a.m.
6. The United States is in these two hemispheres.  
A. Eastern and Southern  
B. Eastern and Western  
C. Eastern and Northern  
D. Western and Southern  
E. Western and Northern
7. This is often the longest day of the year in the Northern Hemisphere.  
A. March 21  
B. June 21  
C. September 21  
D. December 21  
E. December 31
8. This city is at 27°N,80°W.  
A. Greenwich, England  
B. West Palm Beach, Florida  
C. New York, New York  
D. Paris, France  
E. Moose Jaw, Ontario, Canada
9. The northern part of this state is called the “Land of the Midnight Sun” because it never gets dark during the summer months.  
A. Florida  
B. Connecticut  
C. Alaska  
D. Hawaii  
E. California
10. The United States is not in this time zone.  
A. Atlantic  
B. Eastern  
C. Central  
D. Mountain  
E. Pacific
11. In a leap year, the extra day is  
A. January 31  
B. February 29  
C. July 1  
D. September 30  
E. December 31
12. This time zone is the most frequently used by people communicating across different parts of the globe.  
A. Eastern Standard Time  
B. Eastern Daylight Time  
C. The International Date Line  
D. Greenwich Mean Time
13. We have a leap year about every \_\_\_\_\_ years.  
A. two  
B. three  
C. four  
D. five  
E. six

### Matching

Please select the correct responses from the box on the right. Each response is worth three points

- |     |                          |  |
|-----|--------------------------|--|
| 14. | <input type="checkbox"/> | They are caused by the tilt of the earth.                    |
| 15. | <input type="checkbox"/> | They occur when the earth travels completely around the sun. |
| 16. | <input type="checkbox"/> | They occur because the earth is spinning on an axis.         |

days
weeks
seasons
years

## Matching

Please select the correct responses from the box on the right. Each response is worth three points

- |     |  |  |
|-----|--|--|
| 17. |  | This ancient Greek is remembered as the Father of Natural Science. He believed he could understand the world using logic and reason.         |
| 18. |  | This Polish priest suggested that the earth revolved around the sun.   |
| 19. |  | His theory of gravity explained why people did not fall off the earth.   |
| 20. |  | This Italian scientist discovered what scientists today call isochronism, and his observations led to the development of the pendulum clock. |
| 21. |  | He created a map where parallels and meridians cross at right angles.  |
| 22. |  | This American suggested Daylight Savings Time.   |

<b>Aristotle</b>
<b>Galileo Galilei</b>
<b>Benjamin Franklin</b>
<b>Gerardus Mercator</b>
<b>Isaac Newton</b>
<b>Nicholas Copernicus</b>
<b>Ptolemy</b>

## Short Answer

You may write in cursive or manuscript but your work must be very neat. Twelve- point answer will be scored as follows: two points for including a topic sentence, four points for each valid supporting statement, and two points for including a valid conclusion.

**23. How did Aristotle conclude that the earth was round?**

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**24. What are some of the imaginary lines that geographers use to locate places on earth.**

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## Synthesis

You may write in cursive or manuscript, but your work must be very neat. Each question is worth five points and requires you to think for yourself. Two points are awarded for a serious effort.

**25. Describe how life would be different if we all used a single time zone.**

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**26. Is Daylight Saving Time a good idea or a bad idea? Defend your answer.**

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