

NAME:

PD:

DUE DATE:

Planet Earth Study Guide Practice Worksheet

DIRECTIONS: Use the words below to fill in the blanks in the statements

24 hours

365.25 days

Axis

Center

Ellipse

Equinox

Revolution

Rotation

Seasons

Solstice

Sphere

Sphere-shaped

1. A round, three dimensional object is a _____.
2. All points on a sphere's surface are the same distance from the _____ of the sphere.
3. Earth's tilted axis causes _____.
4. Earth's yearly orbit around the sun is its _____.
5. Images from space probes and artificial satellites show that earth is _____.
6. One complete revolution of earth takes about _____.
7. One complete rotation of Earth takes about _____.
8. The day when the Sun is at its highest or lowest point is called the _____.
9. The _____ occurs, twice per year, when the Sun is directly over the equator.
10. The North and South Poles are located at the ends of Earth's _____ the imaginary line around which earth spins.
11. The path of Earth's orbit is in the shape of an elongated closed curve called an _____.
12. The spinning of Earth on its axis that causes day and night is called _____.

DIRECTIONS: Answer the following questions in the space provided.

13. What is inclined at an angle of 6.5° to Earth's rotational axis?
 - a. Magnetic axis
 - b. Prime meridian
 - c. Tilted axis
 - d. Wheel Axis
14. What is the sun directly over at the equinoxes?
 - a. The pole
 - b. The equator
 - c. Tropic of the Caribbean
 - d. The moon
15. Which season begins in the northern hemisphere when the sun reaches its greatest distance south of the equator?
 - a. Spring
 - b. Summer
 - c. Winter
 - d. Fall
16. On September 22-23, the southern hemisphere is beginning which season?
 - a. Spring
 - b. Summer
 - c. Winter
 - d. Fall
17. At the March equinox, what season begins in the northern hemisphere?
 - a. Spring
 - b. Summer
 - c. Winter
 - d. Fall
18. At the summer solstice in the northern hemisphere, at what point is the Sun?
 - a. Northern most point
 - b. Southern most point
 - c. Crossing the equator
 - d. On the other side of the Earth