Earth in Space Worksheet

Section 2.1

and other planets look like they are perfectly round. However, his is not exactly correct. Earth's polar areas are slightly	1)	Theand the group of bodies that revolve around it are called the
This slight variation of a perfect sphere is called an	2)	and other planets look like they are perfectly round. However, this is not exactly correct.
3) The diameter of Earth is about		Earth's polar areas are slightly Around the equator, Earth is slightly
4) Earth is the		This slight variation of a perfect sphere is called anspheroid. "Oblate" means flattened.
Earth's orbit around the Sun is not a	3)	The diameter of Earth is about miles.
5) The Moon orbits Earth every	4)	
5) The Moon orbits Earth every		Earth's orbit around the Sun is not a It is, or oval-shaped.
		The Moon orbits Earth every days, or about once every month.
7) Most of Earth's energy comes from the This type of energy is called energy and reaches Earth as and All life on Earth depends on energy. 8) Three different relationships between Earth and the Sun control how much solar energy is received at different locations. They are and 9) One complete spin of Earth on its is one , which takes hours. Earth rotates in a to direction. 10) Earth's allows the entire planet's surface to receive the effects of and the effects of and the effects of days – one Earth year. 11) Earth makes one elliptical or degrees, to the plane of its orbit. 13) The of Earth on its axis affects the amount of solar energy that different places receive during the year. Section 2.2 14) Areas near the receive a lot of solar energy all year. These places are generally warm. We call these warm low-latitude areas near the equator the Other places get very little solar energy. These areas are at high latitudes and are cold most of the time. Because these areas surround the North and South Poles, we call them the the areas area area thigh latitudes and are cold most of the time. Because these areas surround the North and South Poles, we call them the The areas between the tropics and the Polar Regions are called the 15) The tit of the Earth's axis causes the and 16) We refer to times of greater and lesser heat as the from the Sun more than at any other time. The time that Earth's poles point at their greatest angle toward or away from the Sun is called a occur each year about December and 17) Twice during the year, Earth's poles tilt or from the Sun more than at any other time. The time that Earth's poles point at their greatest angle toward or away from the Sun is called a occur each year about December and 18) During the Decembe	6)	The Sun, Moon, and Earth exert forces on one another that influence
reaches Earth as		processes on Earth. The most obvious of these are the and of ocean tides.
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