

Name: _____ Date: _____ Period: _____

Earth in Space Study Guide 1

1. What do the initials NASA mean?
2. What was the early belief of the Earth? The Sun?
3. How much larger is the Sun than the Earth?
4. How far away is the moon from Earth?
5. Compared to the Earth's size, what size is the moon?
6. What is an orbit?
7. How long does the Earth take to orbit the Sun?
8. How much larger is the Sun compared to the moon?
9. What are the difference between the summer shadows' length and the winter shadows' length?
10. Why do we have seasons?
11. What is the *apparent* motion of the Sun in the sky?
12. When does the Sun seem higher in the sky?
13. When does the Sun seem to rise latest and set the earliest?
14. When does the Sun seem to rise the earliest and set later?
15. What is the importance of the North Star?
16. What does ecliptic mean?
17. When do the equinoxes occur?
18. What are the length of days when there is an equinox?