

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

ID: A

## Astronomy CH1: 1-1 to 1-3 Review or Test

### Modified True/False

Indicate whether the statement is true or false. If false, change the identified word or phrase to make the statement true. (4 False)

- \_\_\_\_\_ 1. The change from day to night is caused by Earth's revolution.
- \_\_\_\_\_ 2. The number of daylight hours is not equal all year because of Earth's tilted axis.
- \_\_\_\_\_ 3. The change in seasons is due to Earth's rotation around the sun and tilted axis.
- \_\_\_\_\_ 4. In the Southern Hemisphere, the first day of summer is June 21st .
- \_\_\_\_\_ 5. The vernal equinox marks the first day of spring.
- \_\_\_\_\_ 6. As the part of the moon that is visible increases, the Moon is waxing.
- \_\_\_\_\_ 7. The Moon appears to change shape because of the way it reflects light from the Sun.
- \_\_\_\_\_ 8. During a total lunar eclipse, the entire face of the Moon is darkened.
- \_\_\_\_\_ 9. When the Moon moves entirely into Earth's umbra, people within see a solar eclipse.
- \_\_\_\_\_ 10. The difference between high tide and low tide is greatest during spring tides.

### Completion

Complete each statement.

Axis	before	equal	January	June 21 <sup>st</sup>	lunar eclipse	neap
phases	Polaris	rotation	revolution	spring	spring tides	
solar noon	umbra	waning	west	7.33 days	27.33 days	
23.5	23.5	west to east				

- 11. When viewed from the North Pole Earth rotates on its axis from \_\_\_\_\_ .
- 12. Earth's axis is tilted at an angle of \_\_\_\_\_ .

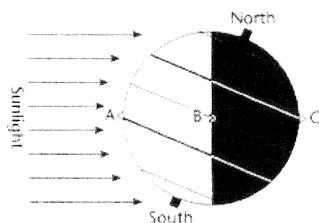
Name: \_\_\_\_\_

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13. Because of Earth's tilted axis, the North Pole is always points toward the star, \_\_\_\_\_ .
14. In the Northern Hemisphere, the summer solstice occurs on \_\_\_\_\_ .
15. During an equinox, the number of daylight hours and nighttime hours are \_\_\_\_\_ .
16. The Moon takes \_\_\_\_\_ days to make one complete rotation on its axis.
17. The Moon takes \_\_\_\_\_ days to make one complete revolution around Earth.
18. As the visible part of the Moon decreases, the Moon is \_\_\_\_\_ .
19. The waxing crescent phase of the Moon occurs \_\_\_\_\_ the full Moon.
20. When the daily tide range is smallest, this is called a \_\_\_\_\_ tide.
21. When the daily tide range is the largest, this called a \_\_\_\_\_ tide.
22. Because Earth rotates, the Sun appears to set in the \_\_\_\_\_ .
23. Earth is closest to the Sun during the month of \_\_\_\_\_ .
24. The darkest center part of a shadow is called the \_\_\_\_\_ .
25. The time when the sun is highest in the sky is known as \_\_\_\_\_.
26. The changing shapes of the moon are known as \_\_\_\_\_ .
27. A \_\_\_\_\_ tide brings the greatest tidal ranges.
28. The imaginary line through the center of a planet on which it spins is known as a(an) \_\_\_\_\_ .
29. The passing of the Moon through Earth's shadow is a(an) \_\_\_\_\_ .
30. The movement of Earth on its axis is known as a(an) \_\_\_\_\_ .
31. The movement of Earth in its orbit. \_\_\_\_\_

32. \_\_\_\_\_ is when Earth is farthest from the sun in its orbit.

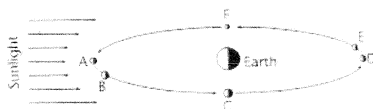
### Short Answer



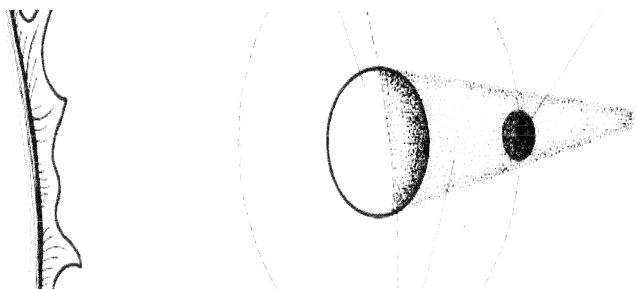
1. In the diagram, what season is it in North America?
2. Would a person at each of the points A, B, and C see the sun? If so, where would the sun be in the sky?
3. Which is a person standing at point B seeing, sunrise or sunset? Explain.

33.

1. What phases of the moon would someone on Earth see when the moon is at positions A through F?
2. What kind of tide (spring or neap) will occur when the moon is at positions A, C, D, and F?



34.



35.

### 36. Chapter 1 Astronomy Test

1. Study any Astronomy Quizzes or Tests that you have taken.
2. Study Your CHPT 1 Packet  
Focus on P.1, P.2, 11,12,13,15,16 (last three questions above)
3. Study any worksheets that you have been given except for the time zones.
4. Study text book pages.