

CHAPTER REVIEW**Chapter 19****The Earth-Moon System****I. Vocabulary Review**

In the blank, write the word or words that best complete the sentence.

1. When the moon blocks the view of the sun from Earth, a(n) _____ occurs.
2. The imaginary line running through Earth's poles is referred to as its _____.
3. When a(n) _____ occurs, the sun is directly over the equator.
4. When a(n) _____ occurs, the sun is directly over the north or south edge of the tropics.
5. During the _____ phase, the moon is between Earth and the sun.
6. The moon is in its _____ phase when you can see more than one half but less than all of its lighted side.
7. The _____ phase occurs about one week after new moon.
8. The event experienced by people in the _____ of the moon's shadow is called a total eclipse.
9. People in the _____ of the moon's shadow experience a partial eclipse.
10. The sun appears to move across the sky because of Earth's _____.

II. Concept Review

If the underscored word or phrase makes the sentence true, write "TRUE" in the space provided. If the underscored word or phrase makes the sentence false, write the correct term or phrase in the space provided.

- _____ 11. Earth is not a perfect sphere.
- _____ 12. It takes Earth one year to complete one rotation.
- _____ 13. There are four solstices each year.
- _____ 14. A different side of the moon faces Earth each day.
- _____ 15. Solar eclipses are more common than lunar eclipses.
- _____ 16. There are four high tides every 24 hours.
- _____ 17. Tides are due to the gravitational force of the moon and sun on Earth.
- _____ 18. The area near shore that is alternately covered and uncovered by tides is called the marine zone.

Chapter Review 19 (continued)

Answer the following question in complete sentences.

- 19.** For earth, what is the difference between a rotation and a revolution? About how many rotations of Earth does it take to make one revolution? _____
- _____
- _____
- _____

III. Skills/Process Review

Ocean Water Levels	
Time	Water level (m)
1. 10:00 a.m.	10
2. 4:15 p.m.	9
3. _____	10
4. 4:45 a.m.	_____
5. _____	10

In the blank at the left, write the word or words that best complete the sentence or answer the question.

- _____ **20.** In the table, the tide represented by the data in row 1 is called _____; the tide represented by the data in row 2 is called _____.
- _____ **21.** In row 3 of the table, what time will the water level reach 10 feet? In row 5 what time will the water level reach 10 feet?
- _____ **22.** In row 4 of the table, what will the water level be?

IV. EYV Review

- 23. Science and Society: Spin-Offs from the Space Program** How has the space program improved life on Earth? _____
- _____
- _____
- _____