

Item #: _____

ASTRONOMY REVIEW

1. The universe is mostly _____.
2. Light, heat, and ultraviolet radiation are types of _____ produced by stars.
3. The most common gaseous element found in stars is _____.
4. Large distances in space make stars appear very _____.
5. in the universe all objects are in motion and moving _____ each other.
6. skip

READ

7. Compared to other stars our Sun is an _____ sized star.
8. The planets stay in orbit around the Sun because of _____.
9. Jupiter is a large planet of low density; it is classified as a _____ planet.
10. Solid objects which orbit planets are called _____.
11. The phrase "dirty snowball" could best describe a _____.
12. Smaller rock particles in the solar system are _____.
13. Impacts of asteroids and meteors on a planet's surface will form a _____.
14. All objects in the solar system _____; they rotate and revolve.

READ

16. The moon revolves around the Earth once every _____ days.
17. We see the Moon because it reflects light from the _____.
18. Moon phases describe the part of the moon that is _____ to us on Earth.
19. Phases of the Moon occur because the Moon _____ around the Earth.
20. The cycle of Moon phases repeats about once every _____.
21. During the lunar eclipse, the _____ is not visible to observers on Earth.
22. Tides are caused by the gravitational pull of the _____ on the oceans.
23. Refer to the diagram in your packet to answer the following questions:
 - a. Full moon phase is at which position? _____
 - b. A lunar eclipse should occur at _____
 - c. More of the Moon becomes visible as it goes from position _____ to _____.
 - d. The arrows indicate the motion called _____.
 - e. The Moon at position 8 is visible during the _____ on Earth.

READ

- 24. A planet is _____ when it spins on its axis.
- 25. Planets are _____ when they orbit the Sun.
- 26. Most stars appear to rise towards the _____ and set towards the _____.
- 27. Earth rotates once every _____.
- 28. One Earth revolution around the Sun takes _____ days.

READ

- 34. Seasonal changes on Earth are caused by the _____.
- 35. The Sun is most direct in New York when the axis leans _____ the Sun.
- 36. When the Sun is highest in the sky, shadows are _____.
- 37. When it is summer in the United States, South America has _____.
- 38. A planet that has no axis tilt would not experience _____ change.
- 39. Label the statement as W-winter, S-Summer, F/S- Fall and Spring:
 - a. Equinox season _____
 - b. Sun is lowest in sky in NY _____
 - c. In NY, the Sun is most direct _____
 - d. Longest shadow in NY _____
 - e. 12 hours of daylight in NY _____
 - f. longest daylight hours in NY _____
 - g. December 21st _____
 - h. Earth's axis tilt towards Sun _____
 - i. North Pole has 24 hrs of daylight _____
- 40. Using the diagram from your Review packet answer the following:
 - a. The season in the Northern Hemisphere would be _____.
 - b. The North Pole would have _____ hours daylight.
 - c. The Sun is the highest in the sky for the _____ Hemisphere.
 - d. Longest daylight hours will occur in the _____ Hemisphere.
 - e. Position A will have _____ season.
 - f. The South Pole will have _____ hours of daylight.
 - g. The latitude of position B is _____.

Chapter Review Section

1.	2.	3.	4.	5.	6.
7.	8.	9.	10.	11.	12.
13.	14.	15.	16.	17.	18.
19.	20.	21.	22.	23.	24.
25.	26.	27.	28.	29.	30.

