

Earth and Space Science

Name: _____

Student # _____

Answer True (T) or False (F)

1. There is a definite up and down in space. _____
2. Seasons are caused by the Earth's distance from the Sun. _____
3. Phases of the Moon are caused by a shadow from the Earth. _____
4. Different countries see the same phases of the Moon on the same day. _____
5. The Moon goes around the Earth in a single day. _____
6. The Moon makes light the same way the Sun does. _____
7. The Sun is directly overhead at noon. _____
8. The amount of daylight increases each day of summer. _____
9. The Earth's revolution around the Sun causes night and day. _____
10. Day and night are caused by the Sun going around the Earth. _____
11. Some planets can be seen with the naked eye. _____
12. Planets appear in the sky in the same place every night. _____
13. Astrology is able to predict the future. _____
14. Gravity is selective; it acts differently or not at all on some matter. _____
15. Gravity increases with height above sea level. _____
16. Gravity can exist without air. _____
17. Rockets in space require a constant force to continue moving. _____
18. All radioactivity is man-made. _____
19. All radiation is hazardous. _____
20. Dinosaurs and cavemen lived at the same time. _____
21. Humans were responsible for the extinction of dinosaurs. _____
22. The earth is molten, except the crust. _____
23. Beings from another solar system have visited earth. _____
24. The universe is mostly made up of hydrogen. _____
25. Ice can flow like molten wax. _____
26. The moons of Jupiter can be seen with binoculars. _____
27. Methane is odourless. _____
28. The earth is pelted by a constant rain of house sized mini-comets (ice balls). _____
29. A magnetic compass would be useful for navigation on the moon. _____
30. A solar (sun) day is longer than a sidereal (star) day. _____