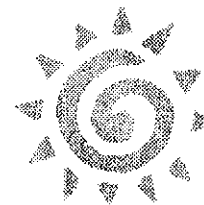


Name _____

Date _____

Quiz Seasons



True or False? Circle T or F

1. The Earth's seasons affect only the way plants grow and change. T or F
2. The reason we have seasons is that the sun changes its motion in the sky. T or F
3. The tilt of the Earth's axis changes angles as it revolves around the sun. T or F
4. Daytime and nighttime are caused by the tilt of the Earth's axis. T or F
5. The tilt of the Earth's axis affects how much sunlight strikes different parts of the Earth. T or F
6. It takes 365.25 days for the Earth to travel around the sun. T or F
7. The moon goes through the phases and changes three times for every season. T or F

Multiple Choice: Circle the letter of the best answer

8. Which of the following statements correctly explains the reason for summertime and wintertime?
 - A. It is summer in the hemisphere tilted toward the sun and winter in the hemisphere tilted away from the sun.
 - B. It is summer in the hemisphere tilted away from the sun and winter in the hemisphere tilted toward the sun.
 - C. It is summer when both hemispheres are toward the sun.
 - D. It is winter when both hemispheres are tilted toward the sun.
9. Because our Earth is spinning...
 - A. The sun rises and sets.
 - B. The moon rises and sets.
 - C. We have all kinds of weather.
 - D. All of the above
10. Which of the following is correct?
 - A. On June 21st and December 21st the days are the same length as the nights.
 - B. March 21st and September 21st are the longest days of the year in both the northern and the southern hemispheres.
 - C. On the equinoxes, the days and nights are the same length all over the world.
 - D. The equinoxes occur on June 21st and December 21st.



Name _____

Date _____

Quiz **Moon**

True or False? Circle T or F

1. The motion of the moon around Earth is a predictable cycle. T or F
2. The moon orbits Earth as Earth orbits the sun. T or F
3. The moon's gravity has no effect on the ocean's tides. T or F
4. The pull of gravity has no effect on the moon. T or F
5. Scientists theorize that the moon was originally a comet. T or F

Multiple Choice: Circle the letter of the best answer.

6. What is the phase of the moon called when the moon is between Earth and the sun?
 - A Full moon
 - B Half moon
 - C New moon
 - D Quarter moon
7. What happens to the moon when it orbits Earth each month?
 - A The moon changes shape.
 - B The moon changes phases.
 - C The moon gets larger.
 - D The moon moves faster.
8. What is the force that holds the moon in orbit around Earth?
 - A Gravity
 - B Electromagnetic radiation
 - C An asteroid
 - D None of the above



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