

Name: _____

Date: _____

1. The energy that melts ice into water is

- A. nuclear energy.
 - B. sound energy.
 - C. electrical energy.
 - D. heat energy.
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2. The time it takes the Moon to go from a new moon to a full moon and back to a new moon is about

- A. 1 day.
 - B. 14 days.
 - C. 28 days.
 - D. 365 days.
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3. Which object in the sky emits its own light?

- A. an asteroid
 - B. a comet
 - C. a planet
 - D. a moon
-

4.

Which answer identifies the changing of a liquid to a gas?

- A. water vapor
 - B. evaporation
 - C. precipitation
 - D. condensation
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5. It is necessary to add a day to the calendar every four years because

- A. the axis of Earth is tilted.
 - B. the revolution of Earth is not exactly 365 days.
 - C. the gravitational pull of the Sun affects Earth's revolution.
 - D. the Moon crosses the orbit of the Sun every 28 days.
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6. Even when it has not rained, you may see drops of water on a car window in the early morning. Which tells why the water is found?

- A. Water in gas form is cooled at night and becomes a liquid.
 - B. Water in solid form (ice) is heated at night and becomes a liquid.
 - C. The car paint absorbs water in the day and loses water during the night.
 - D. The car washer system was used the night before.
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7. Why does the Moon appear larger than the stars?

- A. The Moon is larger than the stars.
 - B. The Moon is closer to Earth.
 - C. The Moon is farther away from Earth.
 - D. The light of the Moon is brighter than the light of the Sun.
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8. Twenty-four hours is the time it takes for one rotation of

- A. the Sun on its axis.
 - B. Earth on its axis.
 - C. the Moon on its axis.
 - D. the solar system.
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9. Which planet orbits the Sun in the least amount of time?

- A. Mercury
 - B. Mars
 - C. Neptune
 - D. Pluto
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10.

A student has two styrofoam balls. One ball represents the sun. The other represents the earth. How could the student use the balls to model the change from day to night?

- A. revolve the model of the earth around the model of the sun
- B. revolve the model of the sun around the model of the earth
- C. rotate the model of the earth
- D. rotate the model of the sun

Answer Key

1. D) heat energy.
2. C) 28 days.
3. B) a comet
4. B) evaporation
5. B) the revolution of Earth is not exactly 365 days.
6. A) Water in gas form is cooled at night and becomes a liquid.
7. B) The Moon is closer to Earth.
8. B) Earth on its axis.
9. A) Mercury
10. C) rotate the model of the earth