

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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1. Which planet is MOST like Earth?

- A. Mars
- B. Neptune
- C. Pluto
- D. Uranus

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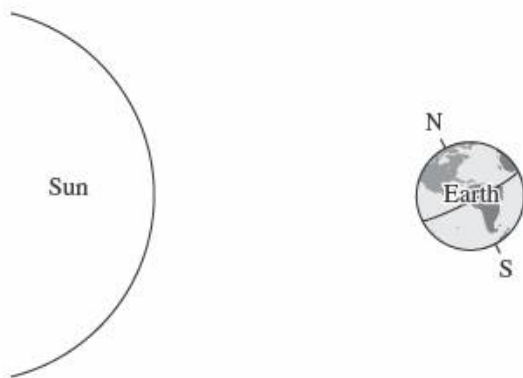
2.

When water mixes with air, it forms water vapor. Air cools and water vapor forms clouds. Which part of the water cycle is being described?

- A. precipitation
- B. condensation
- C. sublimation
- D. evaporation

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3. The illustration below shows Earth and the Sun.



(Not to scale)

What season does the Southern Hemisphere experience when Earth and the Sun are in the positions shown?

- A. fall
- B. spring
- C. summer
- D. winter

4. In April, when it is springtime in the Northern Hemisphere, which season is it in the Southern Hemisphere?

- A. winter
  - B. spring
  - C. summer
  - D. fall
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5. About how many Earth days does it take the Moon to travel around Earth?

- A. 1
  - B. 27
  - C. 180
  - D. 365
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*This online assessment item contains material that has been released to the public by the Massachusetts Department of Education.*

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6. Which tool should be used to study the Moon?

- A. ruler
  - B. microscope
  - C. telescope
  - D. thermometer
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7. A student wants to find out how much rain falls in the schoolyard each day during a one-week period. What is the BEST way to do this?

- A. Call the weather bureau each day to find out how much rain fell in the state during that week. Record the amount of rain each day.
  - B. Leave a measuring cup out in the schoolyard during school hours. Record how much water is in it at the end of the week.
  - C. Leave a measuring cup out in the schoolyard night and day for a week. Record how much water is in it at the end of the week.
  - D. Leave a measuring cup out in the schoolyard night and day for a week. Record how much water is in it each day.
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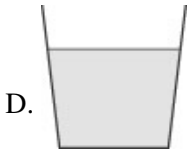
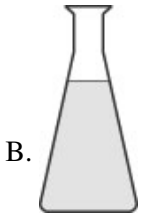
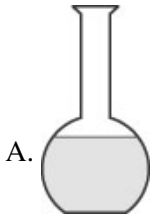
8. Which instrument gives the MOST information about air pressure?

- A. barometer
  - B. rain gauge
  - C. thermometer
  - D. humidity meter
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9. Which object reflects the light from the Sun so we see it at night?

- A. a space shuttle
  - B. a meteor
  - C. the Moon
  - D. a star
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10. A liter of water is poured into each of the containers shown below and they are left uncovered in a warm room. After a day, which container will have the LEAST amount of water left in it?



**Answer Key**

1. A) Mars

2. B) condensation

3. D) winter

4. D) fall

5. B) 27

6. C) telescope

7. D) Leave a measuring cup out in the schoolyard night and day for a week. Record how much water is in it each day.

8. A) barometer

9. C) the Moon

10. C)