Name _____ Solar System Review

1. Compared to Jovian planets, terrestrial planets have
   1) larger masses
   2) larger equatorial diameters
   3) shorter periods of revolution
   4) shorter periods of rotation

2. Compared to the other planets in our solar system, Jupiter, Saturn, and Neptune have
   1) shorter periods of rotation
   2) shorter periods of revolution
   3) greater eccentricities
   4) greater densities

3. Compared to the terrestrial planets, the Jovian planets are
   1) smaller and have lower densities
   2) smaller and have greater densities
   3) larger and have lower densities
   4) larger and have greater densities

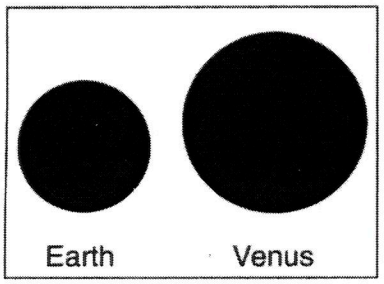
4. Which object in our solar system has the greatest density?
   1) Jupiter
   2) Earth
   3) the Moon
   4) the Sun

5. Compared to the Jovian planets in our solar system, Earth is
   1) less dense and closer to the Sun
   2) less dense and farther from the Sun
   3) more dense and closer to the Sun
   4) more dense and farther from the Sun

6. Which planet would float if it could be placed in water?
   1) Mercury
   2) Earth
   3) Saturn
   4) Uranus

7. Which pair of shaded circles best represents the relative sizes of Earth and Venus when drawn to scale?

1)



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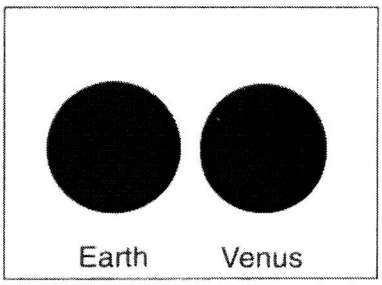

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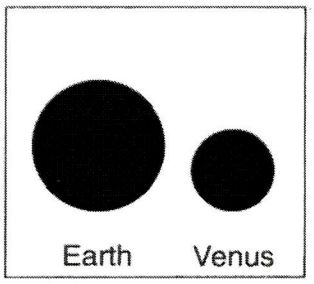

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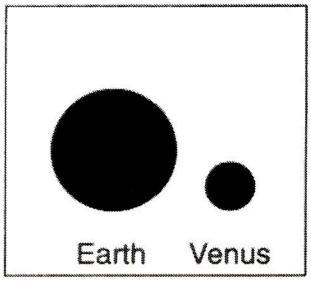


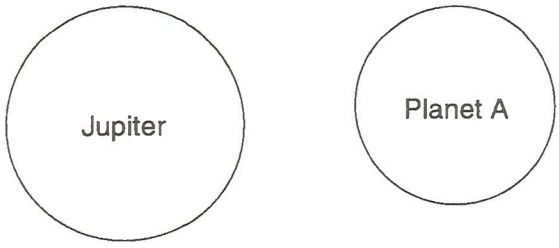
8. Which planet has vast amounts of liquid water at its surface?
   1) Venus
   2) Mars
   3) Jupiter
   4) Earth

9. Which list of three planets and Earth's Moon is arranged in order of increasing equatorial diameter?
   1) Earth's Moon, Venus, Mars, Mercury
   2) Venus, Earth's Moon, Mercury, Mars
   3) Earth's Moon, Mercury, Mars, Venus
   4) Mars, Mercury, Venus, Earth's Moon

10. Which statement correctly compares the size, composition, and density of Neptune to Earth?
   1) Neptune is smaller more gaseous, and less dense.
   2) Neptune is larger, more gaseous, and less dense,
   3) Neptune is smaller, more solid, and more dense.
   4) Neptune is larger, more solid, and more dense.

11. Which planet takes more time to complete one rotation on its axis than to complete one revolution around the Sun?
   1) Mercury
   2) Venus
   3) Mars
   4) Jupiter

12. The diagram below represents two planets in our solar system drawn to scale, Jupiter and planet *A*.

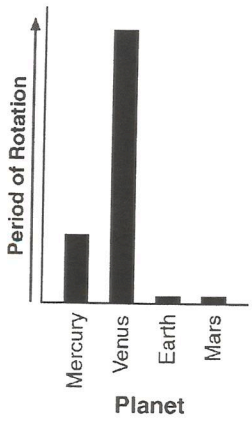


Planet *A* most likely represents
   1) Earth
   2) Venus
   3) Saturn
   4) Uranus

13. The density of the sun is closest to the density of
   1) Earth
   2) Jupiter
   3) Earth's moon
   4) an asteroid

14. Which is the largest planet in our solar system?
   1) Earth
   2) Uranus
   3) Saturn
   4) Jupiter

15. Which graph best represents the relative periods of rotation of Mercury, Venus, Earth, and Mars?

1)


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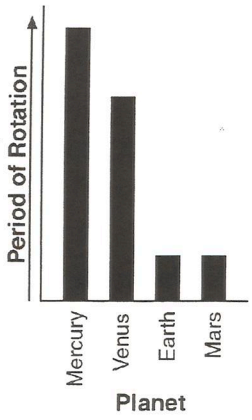

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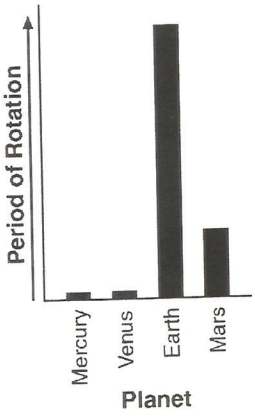

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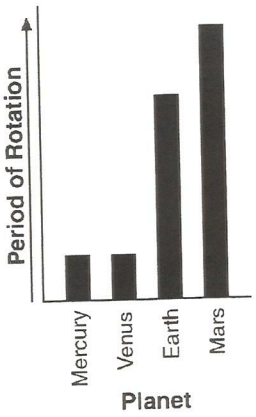

Answer Key
[New Exam]

1. 3
2. 1
3. 3
4. 2
5. 3
6. 3
7. 2
8. 4
9. 3
10. 2
11. 2
12. 3
13. 2
14. 4
15. 1