**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_\_**

**Unit 2 Solar System TEST Review**

**DUE DATE\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TEST DATE\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Make flash cards with the following questions. You must have the full question/drawing on one side and the answers/drawings on the back side of the card to receive any points on the test. This will go as a grade and must be turned in on the due date or you will not be able to use them on the test.**

1. **What does it mean when a planet has a large solid core?**
2. **Which planet more likely has a mass more than 300 time greater than the mass of the Earth?**
3. **Why do we use telescopes?**
4. **Draw an elliptical galaxy. Explain what an elliptical galaxy is.**
5. **Draw a spiral galaxy. Explain what a spiral galaxy is.**
6. **How are planets classified as either inner or outer planets?**
7. **Where are asteroids located?**
8. **When 2 stars have the same color, what does that mean?**
9. **How big or small are the stars that we can see at night?**
10. **How close are the stars in the night sky that we can see from Earth?**
11. **What is an irregular galaxy? Draw one.**
12. **Which planet has a feature known as the Great Dark Spot?**
13. **Which set of planets (outer or inner planets) have many moons?**
14. **What makes the sun more important than the other stars?**
15. **What is a difference between a barred spiral galaxy and a normal spiral galaxy?**
16. **If you saw a meteor tonight, what would it look like?**
17. **What do Earth and Saturn have in common?**
18. **What can you find that would most likely be found between Mars and Jupiter?**



1. **What is “Sirium”?**
2. **What is the difference between a meteoroid and a meteorite?**
3. **What is another name for Saturn, Uranus and Neptune?**
4. **What do Saturn, Uranus and Neptune have in common with Jupiter?**

**Unit 2 Solar System TEST Review ANSWERS**

1. **What does it mean when a planet has a large solid core?**

**Mercury’s planet has more solid iron in its core (middle of the planet) than any other planet.**

1. **Which planet more likely has a mass more than 300 time greater than the mass of the Earth? Jupiter**
2. **Why do we use telescopes? T be able to see more detail about a small area of the sky.**
3. **Draw an elliptical galaxy. Explain what an elliptical galaxy is. An elliptical galaxy is brightest toward the center of the galaxy.**



1. **Draw a spiral galaxy. Explain what a spiral galaxy is. The center is crowded with stars & the number of stars decreases farther out.**

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1. **How are planets classified as either inner or outer planets? Based on their distance from the sun**
2. **Where are asteroids located? Between the inner and outer planets**
3. **When 2 stars have the same color, what does that mean? That they must have the same temperature**
4. **How big or small are the stars that we can see at night? Many times larger than Earth**
5. **How close are the stars in the night sky that we can see from Earth? The stars visible at night are located very far from Earth**
6. **What is an irregular galaxy? Draw one. Irregular galaxies look “jumbled”. They don’t have a certain shape.**



1. **Which planet has a feature known as the Great Dark Spot? Neptune**
2. **Which set of planets (outer or inner planets) have many moons? The outer planets**
3. **What makes the sun more important than the other stars? When compared to other stars, the sun is very close to the Earth.**
4. **What is a difference between a barred spiral galaxy and a normal spiral galaxy? A barred spiral galaxy has a bar shaped group of stars in the center of it. A normal spiral galaxy has “arm-like” appendages that come out from center of the galaxy.**
5. **If you saw a meteor tonight, what would it look like? A streak of light produced by a small chunk of rock passing through Earth’s atmosphere.**
6. **What do Earth and Saturn have in common? Earth & Saturn both rotate about an axis.**
7. **What can you find that would most likely be found between Mars and Jupiter? Asteroids (Asteroid belt)**
8. **What is “Sirium”? It is a star and it is located outside of the solar system.**
9. **What is the difference between a meteoroid and a meteorite? A meteoroid is a hunk of rock traveling through the solar system. A meteorite is a meteoroid that reaches the surface of the Earth.**
10. **What is another name for Saturn, Uranus and Neptune? Jovian Planets**
11. **What do Saturn, Uranus and Neptune have in common with Jupiter? They are similar to Jupiter because they have a thick gaseous atmosphere.**