

MY SO PRACTICE TEST

DIVISION B - MIDDLE SCHOOL, GRADES 9-12

PRACTICE TEST

Instructions

- There are 25 questions on this test.
- You have 50 minutes to complete this test.
- You may write your answers directly in the test.
- You may use any notes or resources you have created or collected.
- You may use a calculator and scratch paper if necessary.
- Good Luck!

Test Questions

1. Which of the following orbits the sun?
 - a. Asteroids
 - b. Comets
 - c. Planets
 - d. All of the above
2. Which of the following is referred to as a “shooting star”?
 - a. Asteroids
 - b. Comets
 - c. Meteors
 - d. Planets
3. Which land features is sometimes made when a meteorite lands on earth?
 - a. Canyon
 - b. Crater
 - c. River Delta
 - d. Mountain Range
4. The light caused when a meteor crosses the sky is caused by _____
 - a. Erosion
 - b. Friction
 - c. Gravity
 - d. Solar Winds

5. With the naked eye you are unlikely to see a _____ in your lifetime.
- Comet
 - Meteor
 - Shooting Star
 - Planet
6. Which of the following is a characteristic of inner planets (in comparison to outer planets)?
- Far apart
 - Less Dense
 - Longer Revolution
 - Smaller
7. Which of the following is a characteristic of inner planets (in comparison to outer planets)?
- Closer Together
 - Larger
 - Less known about
 - Made up mostly of gas
8. Which of the following is a characteristic of outer planets (in comparison to inner planets)?
- Closer Together
 - Less Dense
 - More known about
 - Smaller
9. Which of the following is a characteristic of outer planets (in comparison to inner planets)?
- Far Apart
 - Made up mostly of gas
 - Shorter Revolution
 - Terrestrial, rocky
10. Which Galilean Moon is the largest in our solar system?
- Callisto
 - Europa
 - Ganymede
 - Io
11. Which Galilean Moon has the smoothest surface?
- Callisto
 - Europa
 - Ganymede
 - Io
12. Which Galilean Moon has an underground ocean?
- Callisto
 - Europa
 - Ganymede
 - Io

13. Which Galilean Moon is the most geologically active?
 - a. Callisto
 - b. Europa
 - c. Ganymede
 - d. Io

14. Which Galilean Moon has the same hemisphere always facing Jupiter?
 - a. Callisto
 - b. Europa
 - c. Ganymede
 - d. Io

15. Which planet is the hottest planet because of the Greenhouse effect?
 - a. Earth
 - b. Mars
 - c. Mercury
 - d. Venus

16. Which planet has the "Great Dark Spot?"
 - a. Jupiter
 - b. Neptune
 - c. Saturn
 - d. Uranus

17. Which planet is the fastest orbiting planet?
 - a. Earth
 - b. Mars
 - c. Mercury
 - d. Venus

18. Which planet has a sideways axis?
 - a. Jupiter
 - b. Neptune
 - c. Saturn
 - d. Uranus

19. Which planet is known as "the red planet?"
 - a. Mars
 - b. Neptune
 - c. Uranus
 - d. Venus

20. Which planet is the largest planet?
 - a. Jupiter
 - b. Neptune
 - c. Saturn
 - d. Uranus

21. Which planet has the most rings?
- Jupiter
 - Neptune
 - Saturn
 - Uranus
22. Which planet is made of $\frac{2}{3}$ water?
- Earth
 - Mercury
 - Mars
 - Venus
23. Which planet has the "Great Red Spot"
- Jupiter
 - Mars
 - Mercury
 - Venus
24. Which planet has a canyon larger than the Grand Canyon?
- Jupiter
 - Mars
 - Earth
 - Venus
25. What effect does distance and mass have on the gravitational pull of planets?
- The closer two objects are the greater the gravitational pull
 - The closer two objects are the less the gravitational pull
 - The more mass an object has the less the gravitational pull
 - The more mass an object has the gravitational pull does not matter

ANSWER KEY

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|-----|----------|-----|----------|
| 1. | D | 15. | D |
| 2. | C | 16. | B |
| 3. | B | 17. | C |
| 4. | B | 18. | D |
| 5. | A | 19. | A |
| 6. | D | 20. | A |
| 7. | A | 21. | C |
| 8. | B | 22. | A |
| 9. | B | 23. | A |
| 10. | C | 24. | B |
| 11. | B | 25. | A |
| 12. | C | | |
| 13. | D | | |
| 14. | A | | |