

95 worlds and counting video review

A

Leave this on the desk

Do not write on it

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1. What is the coldest moon in the Solar System?
 - a. Europa
 - b. Io
 - c. Miranda
 - d. Titan
 - e. Triton
2. What is the coolest moon in the Solar System?
 - a. Europa
 - b. Io
 - c. Miranda
 - d. Titan
 - e. Triton
3. What is the hottest moon in the Solar System?
 - a. Europa
 - b. Io
 - c. Miranda
 - d. Titan
 - e. Triton
4. Which moon is believed to be an ocean of liquid water covered by ice?
 - a. Europa
 - b. Io
 - c. Miranda
 - d. Titan
 - e. Triton
5. Which moon has a fully developed atmosphere similar to early earth?
 - a. Europa
 - b. Io
 - c. Miranda
 - d. Titan
 - e. Triton
6. Which moon has the BEST powder snow in the solar system?
 - a. Enceladus
 - b. Europa
 - c. Miranda
 - d. Phobos
 - e. Triton
7. Which moon has the cliffs 8 miles high? Meaning you could free fall for 9 minutes before hitting the ground.
 - a. Enceladus
 - b. Europa
 - c. Miranda
 - d. Phobos
 - e. Triton
8. Which moon has a layer of dust 3 feet thick and made a charcoal?
 - a. Enceladus
 - b. Europa
 - c. Luna
 - d. Miranda
 - e. Phobos
9. Which moon is on a collision course with this major planet in 4.2 million years?
 - a. Enceladus
 - b. Europa
 - c. Luna
 - d. Miranda
 - e. Phobos
10. Which moon has gravity that is $1/6^{\text{th}}$ of earth's gravity. That means you skip around the moon?
 - a. Enceladus
 - b. Europa
 - c. Luna
 - d. Miranda
 - e. Phobos
11. Which moon would be a play ground for astronauts due to the low gravity ($1/1000$ of that on earth)? Here you could lift 900,000 pounds that is equal to a fully loaded jumbo jet.
 - a. Enceladus
 - b. Europa
 - c. Luna
 - d. Miranda
 - e. Phobos

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12. Which moon has gravity that is $1/7^{\text{th}}$ of earth's gravity. That means you could fly with a pair of wings 10 feet long?
- a. Luna
 - b. Miranda
 - c. Phobos
 - d. Titan
 - e. Triton
13. Which moon is NOT hit with lethal dose of radiation?
- a. Europa
 - b. Io
 - c. Luna
 - d. Saturn
14. Which moon produces 45,000 tons of lava per second? Enough to cover the earth's continental every year?
- a. Enceladus
 - b. Europa
 - c. Io
 - d. Phobos
 - e. Titan
15. Which moon has "slushy" volcanoes? These are the first ice volcanoes observed anywhere.
- a. Luna
 - b. Miranda
 - c. Phobos
 - d. Titan
 - e. Triton
16. Which moon has more than 300 active volcanoes, yet it snows Sulfur and Magnesium creating a [kaleidoscope](#) of colors such as green white, orange, yellow, etc...
- a. Europa
 - b. Io
 - c. Luna
 - d. Titan
 - e. Triton
17. Which moon has snow and rain in which the drops (2 times larger than earth rain drops) fall like caramel (very slowly).
- a. Enceladus
 - b. Miranda
 - c. Phobos
 - d. Titan
 - e. Triton
18. Scientist believe that some 4.5 billion years ago that this moon was formed from the remains of a collision with a Mars size object.
- a. Enceladus
 - b. Io
 - c. Luna
 - d. Phobos
 - e. Titan
19. Science believes that liquid ocean is located under the surface of this icy moon which has the best place to harbor life.
- a. Enceladus
 - b. Europa
 - c. Phobos
 - d. Titan
 - e. Triton
20. Which moon is believed to have the BEST chance for life?
- a. Enceladus
 - b. Europa
 - c. Io
 - d. Luna
 - e. Titan
21. Which moon has the first iceberg discovered for there is liquid water under the surface?
- a. Enceladus
 - b. Europa
 - c. Io
 - d. Luna
 - e. Titan

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22. Which moon has volcanoes that erupt into space where the debris is blown at a 90 degree angle like little smoke stacks?
- a. Enceladus
 - b. Europa
 - c. Io
 - d. Titan
 - e. Triton
23. On this moon science believes that you could stay inside lava tubes to avoid lethal doses of radiation from the planet which it orbits.
- a. Enceladus
 - b. Io
 - c. Phobos
 - d. Titan
 - e. Triton
24. Which moon would be a play ground for astronauts due to the low gravity (1/1000 of that on earth)? Here you could do 3000 summersaults before hitting the ground 25 minutes later?
- a. Enceladus
 - b. Europa
 - c. Luna
 - d. Miranda
 - e. Phobos
25. Scientist created a space suit that tries to mimic the body's movement. They use ball bearings. The space suit is constructed with Mylar and air. How many layers is the space suit?
- a. 10 layers
 - b. 2 layers
 - c. 3 layers
 - d. 4 layers
 - e. 5 layers