

Kahoot Quiz with answers

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A base on Mars

**Topic: Preparations for the human journey to Mars.
Studying the planet Mars.**

Students' age: 15-19

Time: 2 lessons

Quiz

✍ Correct answers are bold

1. How many moons does Mars have?

- 1
- **2**
- 0
- 3

2. What is Mars similar to Earth in today?

- has a similar diameter
- **has a similar tilt of the axis of rotation and rotation time around its axis**
- similar temperature range
- has a similar atmospheric pressure

3. There are seasons on Mars

- **True**
- False

4. What gas dominates the atmosphere of Mars?

- **CO₂**
- H₂O
- WHAT
- CH₄

5. What is the average pressure on Mars?

- 1000 hPa
- 50 hPa
- **6 hPa**
- 3000 hPa

6. What is the name of the largest volcano on Mars?

- Mauna Loa
- Vesuvio
- Pavonis Mons
- **Olympus Mons**

7. The deepest place on Mars is located on:

- Velles Marineris
- **Hellas**
- Tharsis
- Isidis Planitia

8. What is the name of the largest canyon on Mars?

- Colorado Canyon
- Acidalia Planitia

- **Valles Marineris**
- Hellas Planitia

9. How long would a manned trip to Mars take in current technology?

- 3 days
- **6-8 months**
- 2 years
- 2 weeks

10. Which rover is still running on Mars?

- Spirit
- Opportunity
- **Curiosity**
- Sojourner

11. Which of these devices is the lander?

- Curiosity
- **Phoenix**
- Perseverance
- Sojourner

12. Viking probes sent in the 70's also had landers

- **True**
- False

13. On which probe was the HiRISE (High Resolution Imaging Science Experiment) camera installed?

- **Mars Reconnaissance Orbiter (MRO)**
- Mars Global Surveyor (MGS)
- Trace Gas Orbiter (TGO)
- Mars Odyssey

14. The HiRISE camera is a mirror telescope

- **True**
- False

15. The rusty color of the surface of Mars is due to:

- carbon dioxide
- methane
- basaltom
- **iron oxides**

16. Water is generally not liquid on Mars because of:

- too low gravity
- **too low atmospheric pressure**
- lack of vegetation
- temperatures above 100oC