

# FLYING TO MARS

## TASK 1)

Write all you know about Mars.

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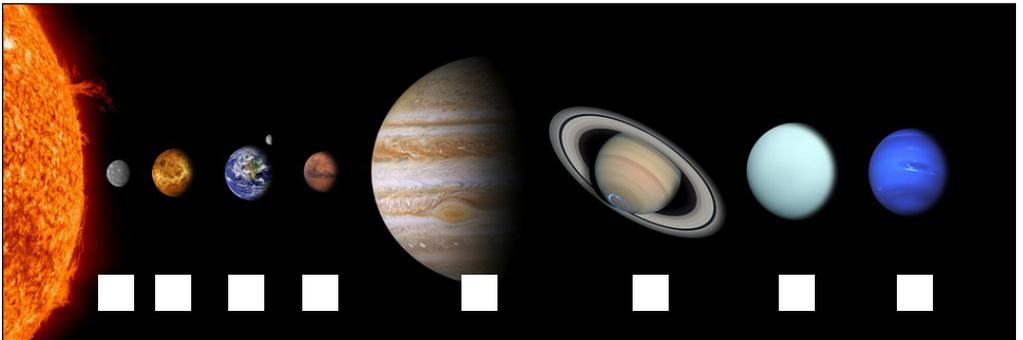
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## TASK 2)

Planets are orbiting the Sun. Which one is Mars, in terms of order from the Sun? Mark the correct square.



## TASK 3)

Compared to the Earth, planet Mars is:

- a) two times smaller
- b) as big as the Earth
- c) two times bigger

**TASK 4)**

How long does Mars rotate around its own axis (day and night cycle)?

- a) much shorter than the Earth**
- b) approximately two weeks**
- c) approximately as long as the Earth**

**TASK 5)**

Does Mars have any orbiting moons?

- a) one big**
- b) none**
- c) two small**

**TASK 6)**

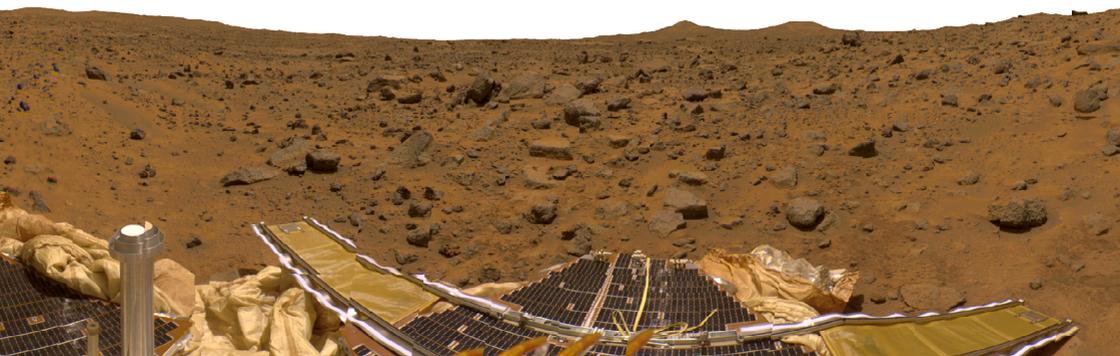
Mars has the highest mountain in the Solar system. It is a volcano called:

- a) Mount Everest**
- b) Pic du Midi**
- c) Olympus Mons**

**TASK 7)**

Mars' atmosphere

- a) almost does not exist - there is a vacuum like on the Moon.**
- b) is very thin, that's why there is no liquid water on the surface of Mars.**
- c) is extremely dense, that's why Mars is hotter than the Earth.**



**TASK 8)**

Thanks to the motion of Mars, in the 17<sup>th</sup> century Johannes Kepler discovered

- a) **three laws of planet orbits.**
- b) **that the Earth is rotating.**
- c) **Archimedes law.**



**TASK 9)**

Viking 2 probe discovered a „face“ in the photo of Mars' surface. It is

- a) **a statue of sphinx, the work of art of civilization on Mars.**
- b) **a rock, which looks like a face under specific lighting.**
- c) **the image of ancient inhabitants of Mars – the Martians.**



**TASK 10)**

Which is the farthest object visited by a manned flight?

- a) **moons of giant planets**
- b) **Mars**
- c) **the Moon**



**TASK 11)**

Seasons on Mars

- a) do not change because Mars is too far from the Sun.
- b) change like on the Earth but are almost two times longer.
- c) changed in the past but stopped after water disappeared from the surface.

**TASK 12)**

How long will a flight to Mars take?

- a) one week
- b) 10 years
- c) several months

**TASK 13)**

Why does sand and soil on Mars have a red colour?

- a) because there is too low temperature on Mars (minus tens of degrees Celsius)
- b) because the sunlight turns red on the way to Mars (because of long distance)
- c) because the sand on Mars contains iron oxides (it is „rusty“)

**TASK 14)**

What is Mars terraformation?

- a) a process of changes which would allow people to live on Mars
- b) a removal of Mars' atmosphere
- c) a detailed exploration of Mars using robotic machines

