

1.

Award: 1.00 point

## Olympus Mons

*In the search bar to the top left type in the following: "Olympus Mons"  
Once there scroll out until you can see a crater to the right of the Olympus Mons.*

**What is the name of that crater?**

- Tharsis Montes
- Ascraeous Mons
- Karzok
- Valles Marineris

2.

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**how many times larger is Olympus Mons***Still at Olympus Mons...**You should see an icon of two people walking in green. Click on that icon and information about the volcano should appear.**Olympus Mons is not only the highest mountain on Mars, but the largest volcanic cone in the whole solar system.***It is a single mountain with a mass \_\_\_\_\_ times as high as Mount Everest, and has a width that would straddle the whole Himalayan range.***TYPE in the CORRECT number for your answer.**e.g.... if the answer is five you use the numeric key pad and select "5"*

A) 1

B) 2

C) 3

**Numeric  
Response**how many times  
larger is Olympus  
Mons

1.

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### Olympus Mons

*In the search bar to the top left type in the following: "Olympus Mons"  
Once there scroll out until you can see a crater to the right of the Olympus  
Mons.*

**What is the name of that crater?**

- Tharsis Montes
- Ascraceous Mons
- Karzok
- Valles Marineris

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how many times target is Olympus Mons

Still at Olympus Mons...

You should see an icon of two people walking in green. Click on that icon and information about the volcano should appear.

Olympus Mons is not only the highest mountain on Mars, but the largest volcanic cone in the whole solar system.

It is a single mountain with a mass \_\_\_\_\_ times as high as Mount Everest, and has a width that would straddle the whole Himalayan

range.

TYPE in the CORRECT number for your answer.

e.g.... if the answer is five you use the numeric keypad and select "5"

- A) 1
- B) 2
- C) 3
- D) more than 4

Numeric Response

how many times target is Olympus Mons

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face on mars is known as

In the search bar to the top left type in the following: "Face on Mars";  
 Once there scroll out until you can see an icon of two people walking in green.  
 Once believed to be a transformer called Megatron... (just kidding)...

Once believed to be a giant (no kidding), we now know it as a  
 mountain called \_\_\_\_\_;  
 which lies at about latitude 32° N to 42°

Cydonia

Tem

Valles Marineris

Meliza

### Talking to Meliza

Still at the "Face on Mars";  
Scroll out until you see an icon named **MELIZA**. Click on it and following  
directions on the screen.  
Did Meliza send you a "Greetings, Earthling!"

Select YES or NO

Yes

No

how far is the biggest canyon

Still at the "Face on Mars":

Meliza will give you the answer if you ask the right question...

How far will the biggest canyon on Mars stretch out if it was placed on Earth?

SELECT the BEST answer below

- from NY to Hawaii
- from NJ to LA
- from NY to Tokyo
- from NY to LA

6.

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what is valles marineris known as

*In the search bar to the top left type in the following: "Valles Marineris"*

*Once there scroll out until you can see an icon of two people walking in green.*

**What is Valles Marineris also known as?**

HINT: look under the name

- the grandest canyon of all
- the grandest mountain of all
- the grandest volcano of all
- the grandest river valley of all

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What is Valles Marineris caused by

*Still at Valles Marineris*

The whole system is not primarily a water eroded canyon, like our Grand Canyon, but is ultimately caused by fractures, or, as geologists call them \_\_\_\_\_? Select the BEST answer from the list below

- plate tectonic from volcanoes
- Mountain building
- faults

pathfinder rover is called

*In the search bar to the top left type in the following: "Pathfinder." Once there scroll out until you can see an icon of two people walking in green. Pathfinder was a probe that landed there in 1997, it took beautiful color photos of the surroundings and sent out the small, plucky rover, called \_\_\_\_\_?*

*Select the BEST answer from the list or rovers below*

- Spirit
- Phoenix
- Sojourner
- Viking

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panorama view of pathfinder

Still on "Pathfinder:"

*NEXT click on camera ("Presidential" Panorama) which is near the landing site  
Then select the Fly into this high-resolution photo.  
Scroll around the view until you find the rover and zoom in.  
HOW many wheels are visible from the photo on the rover?  
Select the BEST answer from the list below*

- 3
- 4
- 5
- 6
- 8

list spirit trip in order (6 points)

In the search bar to the top left type in the following: "Spirit." Once there scroll out until you can see an icon of several cameras. Click on the top far left camera that has a USA flag.

Spirit made several stops on the way, with the last stop (#6) being HOME PLATE.

Select the correct order of the stops mad with the first stop (#1)

being "MER Spirit Rover (USA)" to the last stop (#6) being "Home Plate"

MER Spirit Rover (USA)

Correct: 1

Bonneville Crater

A

Eldorado

B

Home Plate

C

Hasband Hills

D

Missoula Crater

E

Ranking

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what 2 objects came off the lander

In the search bar to the top left type in the following: "Phoenix." Once there scroll out. The Phoenix lander is the most documented lander NASA has shown. On the ground you can also see what 2 objects came off the lander?

- Heat Shield & Backshell Parachute
- Heat Shield & Engine Booster Rocket
- Engine Booster Rocket & Backshell Parachute
- Engine Booster Rocket & Landing Gear Sensor

12.

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how many viking probes

In the search bar to the top left type in the following: "Viking."  
This was the first mission to Mars.  
How many Viking probes did NASA send to Mars?

TYPE in the correct number only

Sorry. They sent 2 Landers: Viking 1 & 2

References

Numeric Response  
how many viking probes