

The next series of questions are based on the video: <https://www.youtube.com/watch?v=JpNg8Z75sEs>

5 Most MYSTERIOUS Photos from Mars

- 1) List the 5 mysterious photos the video talks about?

NASA's car-sized Curiosity robotic rover was lowered on to the surface of Mars from its landing module where it would snap an intriguing photo with its rear Hazcam navigation cameras only seconds after touching down. The camera shutter had only been open for 200 milliseconds when it captured a fuzzy photo showing a mysterious blotch on the horizon. 2 hours later, high resolution photos became available when a satellite passed overhead to relay the images. The blotch had disappeared. The photo prompted conspiracy theories involving alien intelligence and government coverups, but the truth may be equally amazing...

- 2) According to the video, the photo is called ____?
 - a.

On April 3, 2014, Curiosity's 589th day on Mars, a bright beam of light appeared behind the dunes in one of the rover's daily photos. Shining upward from the surface, UFO enthusiasts claimed that the light could indicate intelligent life. The light appears in an image taken by the "right eye" yet it doesn't appear in images taken seconds later by the camera's "left eye."

- 3) The source of the light has yet to be identified, but NASA officials have put forth 3 theories. What are the 3 theories?
 - a.

In 2012, amateur astronomers discovered a strange object jutting out from the surface of Mars in a photograph taken by the HiRISE camera mounted on the Mars Reconnaissance Orbiter as it passed overhead. The structure is estimated to be 5 meters across.

- 4) Scientists say the object is likely what?
 - a.

The surface of Mars has been thoroughly studied in the decades since NASA's Mariner 4 probe in 1965, yet it continues to yield new surprises like this deep cavern at the bottom of a crater. One of the first giant holes was discovered by NASA's Mars Reconnaissance Orbiter in 2007. At more than 490 feet wide, this hole and others like it are thought to be collapsed lava tubes.

- 5) According to the video why is this important?
 - a. Protected from the harsh conditions
 - b. Good candidates to harbor life
 - c. Serve as habitats for future astronauts
 - d. All the above
 - e. None of the above

Humans have developed a remarkable talent for pattern recognition – a phenomenon known as "pareidolia." We talked about them in lecture and have been identifying patterns on Mars for decades, from the "canals" in 1877 to the Face on Mars in 1976. Photos from Mars have resulted in numerous other cases of pareidolia.

- 6) Select the ones that the video talks about

Mars rabbit

Ruins of civilization

"Trees"

Monoliths

UFO crash spaceships

Face on Mars

Mars Canals

Mystery lights

Caverns

Ammonites

"Big Foot" (yeti)

Alien creatures & other Fossils