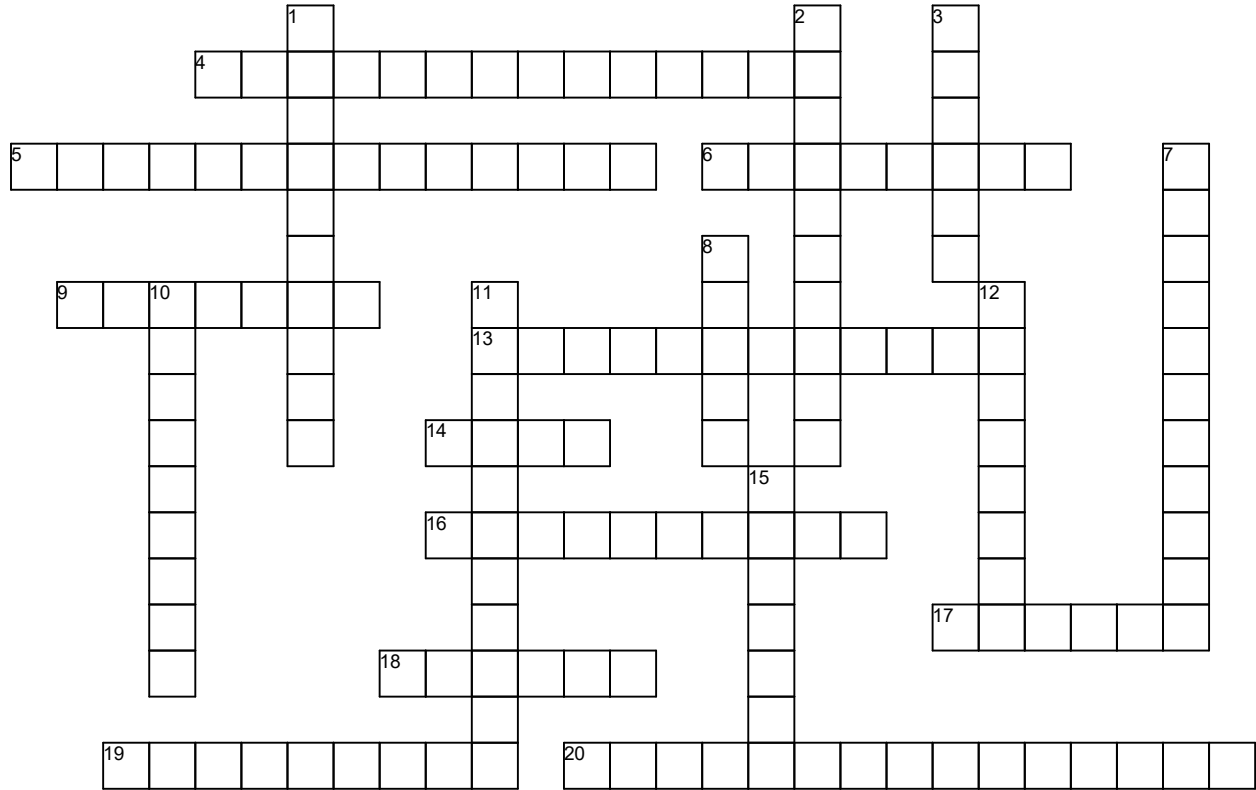


Mars Crossword Puzzle

1. Using the Across and Down clues, write the correct answer in the numbered grid below.



ACROSS

4. A large volcanic plateau on Mars that hosts many of its volcanoes.
5. Chemical processes that contribute to the reddish color of Mars.
6. Found on Mars' polar ice caps and below its surface.
9. An adjective used to describe things related to Mars.
13. Another NASA rover on Mars, designed to study its geology and climate.
14. Martian days, each one is approximately 24.6 hours long.
16. Mars has a thin one, primarily composed of carbon dioxide.
17. One of Mars' two small moons, named after the Greek god of fear.
18. Mars' other small moon, named after the Greek god of dread.
19. NASA rover that explored Mars, searching for signs of past life.
20. A vast canyon system on Mars, much larger than the Grand Canyon on Earth.

DOWN

1. The location where the Curiosity rover landed on Mars.
2. Common weather phenomena on Mars, sometimes covering the entire planet.
3. NASA's first successful Mars lander, which operated in the 1970s.
7. The largest volcano in the solar system, found on Mars.
8. NASA mission to study the Martian atmosphere and its history.
10. Mars is often called this due to its reddish appearance.
11. A Mars rover that operated for over 14 years before losing contact in a dust storm.
12. The layer of loose, fragmented material covering Mars' surface.
15. A gas occasionally detected in Mars' atmosphere, raising questions about potential microbial life.

MAVEN

Viking

Martian

water ice

atmosphere

Olympus Mons

Deimos

Perseverance

Tharsis Plateau

Valles Marineris

Curiosity

Opportunity

Phobos

Sols

Red Planet

regolith

Gale Crater

methane

redox reactions

dust storms