

Name _____



Guess the Moon

Instructions: Read each set of clues about a moon in our Solar System. Write the name of the moon you think is being described on the line provided. Each moon is used only once.

Europa

Callisto

Titan

Triton

Ganymede

The Moon (Earth's)

Io

Phobos

Enceladus

Charon

1. I am the largest moon in the Solar System, even bigger than Mercury. I orbit Jupiter and have my own magnetic field. **I am** _____.
2. My surface is covered in water ice, and scientists think I may have a salty ocean beneath. I orbit Jupiter and am one of the best places to look for life. **I am** _____.
3. I am Saturn's largest moon and have lakes and seas of liquid methane and ethane. My thick atmosphere hides my surface from view. **I am** _____.
4. I orbit Jupiter and am the most volcanically active body in the Solar System. My surface is dotted with sulfur and active volcanoes. **I am** _____.

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5. I am heavily cratered and show almost no signs of geological activity. I'm one of Jupiter's largest moons and may have a subsurface ocean deep inside. **I am** _____.
6. I orbit Neptune in a retrograde path, opposite to my planet's rotation. My surface is icy, and I have geysers that may erupt nitrogen gas. **I am** _____.
7. I am small, lumpy, and orbit very close to Mars. In the distant future, I may crash into Mars or break apart into a ring. **I am** _____.
8. I am covered in ice and have geysers that shoot water vapor and ice into space. I orbit Saturn and may have a global ocean beneath my crust. **I am** _____.
9. I am Earth's natural satellite. My surface has craters, mountains, and large dark plains called maria. Humans have walked on me. **I am** _____.
10. I orbit Pluto and am so large compared to my planet that some scientists consider us a double dwarf planet system. **I am** _____.

