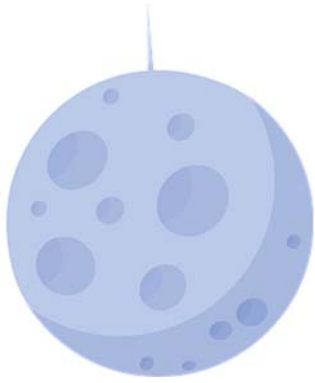


Name \_\_\_\_\_



## Fact vs. Fiction: Moon Edition

**Instructions:** Below are 12 statements about moons in our Solar System. Some are **Facts** (true, scientific) and others are **Fiction** (false, myths or misconceptions). Write **F** for Fact or **FI** for Fiction in the blank before each statement.

- \_\_\_\_\_ 1. Titan has lakes and seas made of liquid water just like Earth.
- \_\_\_\_\_ 2. Ganymede is larger than the planet Mercury.
- \_\_\_\_\_ 3. Earth's Moon has a permanent dark side that never receives sunlight.
- \_\_\_\_\_ 4. Europa may have a subsurface ocean beneath its icy crust.
- \_\_\_\_\_ 5. Phobos will eventually crash into Mars or break apart.
- \_\_\_\_\_ 6. The Moon's craters were all formed by volcanic eruptions.
- \_\_\_\_\_ 7. Triton orbits Neptune in the opposite direction of the planet's rotation.
- \_\_\_\_\_ 8. Enceladus has geysers that shoot water vapor and ice into space.
- \_\_\_\_\_ 9. Callisto is one of Jupiter's moons and has very few impact craters.
- \_\_\_\_\_ 10. The Moon's gravity causes tides on Earth.
- \_\_\_\_\_ 11. Io is the most volcanically active body in the Solar System.
- \_\_\_\_\_ 12. All moons in the Solar System are made entirely of rock.

### Bonus Challenge:

Pick one **Fiction** statement and rewrite it as a correct **Fact**.