

Name _____

Fact vs. Fiction: Moon Edition Answer Key

1. **FI** – Titan's lakes and seas are made of liquid methane and ethane, not water.
2. **F** – True; Ganymede is larger than Mercury.
3. **FI** – Both sides of the Moon receive sunlight; one side is always facing away from Earth (the far side), but it still gets light.
4. **F** – True; Europa is believed to have a global subsurface ocean.
5. **F** – True; Phobos is slowly spiraling toward Mars.
6. **FI** – Most craters on the Moon were caused by impacts, not volcanoes.
7. **F** – True; Triton has a retrograde orbit.
8. **F** – True; Enceladus has active ice geysers.
9. **FI** – Callisto actually has many impact craters and is one of the most heavily cratered bodies in the Solar System.
10. **F** – True; the Moon's gravity is the main cause of tides.
11. **F** – True; Io has hundreds of active volcanoes.
12. **FI** – Some moons are icy or have mixed compositions, not purely rock.