IQ

- The original atmospheres of Mars and Earth were very similar.
- T
- F
IQ

- T. It is true!

- Both started with a CO$_2$-rich atmosphere.

- Water and temperature caused differences to occur in the present-day atmospheres.
IQ

• Mars never had liquid water on its surface.

• T
• F
**IQ**

- The correct answer is F, false.
- Mars shows much evidence for surface water flows.
- There appears to be no liquid water on the surface today,
- But there is water ice!
IQ

- The Viking Landers found conclusive evidence for primitive life.

- T
- F.
IQ

- False!

- The search for biological activity carried out by the Viking Landers were negative, but inconclusive.

- Look closely, you can just see an elephant hiding behind the most distant tree!
IQ

- Mars has no atmosphere.
  - T
  - F
**IQ**

- **F.** Yes, indeed, Mars *does* have an atmosphere!

- The atmosphere is tenuous, and mostly CO$_2$.
- Dust storms and clouds are commonly observed on Mars.
The largest volcano in the solar system, a result of no tectonic activity, is found on Mars.

T  F
• T! True.

• Olympus Mons is the largest volcano in the solar system.

• It is three times higher than Everest!