

Name _____

Venus: Earth's Mysterious Neighbor

Open-Ended Response Questions

1. How might the thick atmosphere and high surface pressure on Venus affect the way we explore and study the planet?
2. Compare and contrast Venus's day and night with those on Earth. What makes Venus's day and night cycle unique?
3. Discuss some of the challenges that space missions face when attempting to explore Venus. Why is it difficult to land on Venus and send spacecraft to its surface?
4. Why is understanding Venus's climate history important for scientists? What are some theories about how Venus became such a hot and inhospitable planet?

