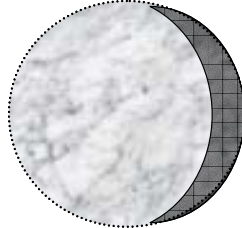


Name: _____ Section: _____

The Solar System – Open Response Question 4

One evening, Jesse looked into the night sky and saw a full moon. Around four days later, he glanced into the sky and noticed that less of the moon was illuminated (visual below).



- a) What phase of the moon is represented in the visual above?
- b) If Jesse were to look into the night sky approximately four days after seeing the visual above, what phase will the moon be in? Explain your reasoning.
- c) Is Jesse observing a waxing moon, or a waning moon? Explain your reasoning.
- d) Consider the first night that Jesse saw the full moon, how many days will it take for Jesse to see another full moon?