

ASTRONOMY 020

Practice Set #11

Not to be turned in

1. Write a paragraph explaining the nebular hypothesis and the features of the solar system which it can explain.
2. Write a paragraph explaining the condensation sequence and the features of the solar system which it can explain.
3. Explain why meteors can only enter the Earth's atmosphere with relative speeds between 12 km/s and 72 km/s. Also, explain why meteors become much more numerous and visible after the middle of the night. Write a paragraph (no equations necessary) but you may want to include a diagram. (Hint: read Sec. 7-4 in textbook).
4. Zeilik & Gregory, Chapter 7, problem 12.