Physics 1311
Spring 2020
Homework/Study 5 (two-sided)

Chapter 4

1. Where would you look for a meteorite? How about a meteoroid?

2. Describe one technique for detecting extrasolar planets.

33. Which group of planets (terrestrial/Jovian) is:
    Warmer:
    Larger:
    Denser:
    More massive:
    Closer to Sun:

4. How makes a meteoroid different from an asteroid?

5. List two systematic properties of the Solar System that any model must explain.

6. Most extrasolar planets found so far have been detected and not seen. What does "detected" mean?

7. What is the "Right Hand Rule" as applied to the Solar System?

8. Why is it hard to find the mass of an asteroid?

9. Which type of meteorite would you expect to be mostly likely to get found? Why so?

10. How are comet orbits different from planet orbits?

11. In what part of its orbit does a comet move fastest?

12. How do the systemic properties of the Solar System indicate that it formed as a system?