Jovian (Jupiter like) Planets Homework 4 Due Thurs, 26 Feb, 6:00am Test 2 is Tues, March 3rd. Covers material through "terrestrial planets," 2/17 Large majority on solar system A few question on topics covered in Test 1 Format same as Test 1. One cheat sheet. Practice test: link on syllabus Missouri Club is 7:00pm, Mon., March 2nd Summarizing Qs What is the structure of Jupiter & how is it 1. different from Earth's? Done 2. Why is the interior of Jupiter hot? Done Why does Io, Jupiter's satellite have volcanoes? 3. Done 4. Why are the inner moons irregular in shape and the big moons spherical? Done 5. Why do the Jovian planets have rings?





What are the rings made of? Ice + dust.

Dynamic Ephemeral Bodies





[Fig. 8.27]











- b. The rings are too thin
- c. The gravity of the planet would tear the moon apart.
- d. The rings are not made of sticky material





Formation of the Solar System

- Questions
 - Why are rocky planets close to the sun?
 - Why is solar system a disk?
 - How did the planets form?
 - Asteroids
 - Meteorites—"fossils" from the birth of the solar system
 - How old is the solar system?















