

NAME \_\_\_\_\_  
ASTRONOMY 20

SECTION DAYS & TIMES \_\_\_\_\_  
LLOYD

MINI-ESSAY #3  
ORIGIN OF THE PLANETS

1. In the space below, diagram the stages in the formation of the solar system.  
Write a sentence about what is happening in each stage.

2. Explain why the inner planets are rocky and the outer planets are gaseous.

3. You are exploring the Galaxy in the *Enterprise*. You come across a solar system that has a large gas giant planet 0.1 AU from its sun and a rocky terrestrial planet 10 AU from its sun. How could this situation have come about?

[20 October 2016]