

Intro to Astronomy I

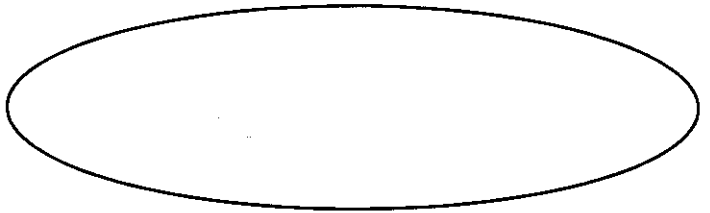
Earth Science

Name: _____

Date: _____ Hr: ____

- 2.08 (Sec 29.4, p. 606-609) Describe physical characteristics of the following small objects:
- Asteroid
 - Comet
 - Meteoroid

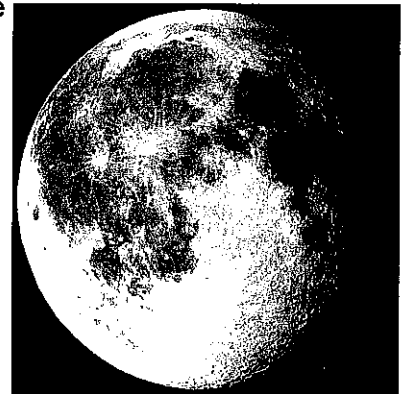
- 2.09 Diagram and explain the path of **comets** through the solar system:



- 2.10 (Sec 29.4, p. 606-609) Explain the difference between a **meteoroid**, **meteor**, and **meteorite**.

- 2.11 (Text p. 615-620) Describe physical characteristics of the lunar surface

- *Maria (Mare)*
- *Craters*
- *Highlands*
- *Regolith*



- 2.12 (p. 615-620) Outline the 4-stages in the **history** of our Moon:

Stage	First	Second	Third	Last 3 Billion Yrs...
Events				

Intro to Astronomy Outline

Earth Science Notes

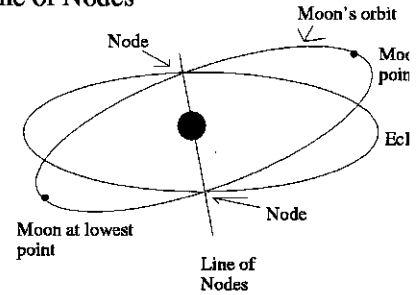
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2.13 Describe our Moon's UNIQUE physical characteristics (and why each matters):

Physical Characteristic	Description	So What??? <i>(why it matters)</i>
Revolution		
Rotation		
Mass		
Surface Gravity		
Atmosphere		
Temperature		

The Moon's Orbit and the Line of Nodes



The line of nodes rotates westward 19.4 degrees per year due to the gravitational perturbation of the Sun on the Earth-Moon system.

2.14 Summarize what causes the Moon to appear as phases.

LOOK AT LUNAR PHASES ASSIGNMENT/NOTES

2.15 Diagram a solar eclipse:



Diagram a lunar eclipse:

2.16 (Sec 22.3, p.439-440)

Diagram the **Earth-Moon system** that causes everyday tides, spring tides, and neap tides.