	Group Members:	
	Phases of the Moor	n
	ab is designed to lead you to a thorough understanding of why will be using the observations of the moon from the last three v	
Jse yo	nterpreting your moon log observations.  Your observations from the last three weeks to summarize the properties of the moon from the sun has change	<u>=</u>
b)	Describe how the amount of the moon that appears to be illuthree weeks.	uminated has changed in the last
c)	What does the term "waxing" mean? What does the term "valefinition relate to the changing angle of the moon from the illumination of the moon over the last three weeks?	9

d) Use your data for your first and last observations of the moon to fill in the following table:

	First observation		Last observation
Date of observation			
Angle and direction of moon from the sun			
# of days between first and last observation			
Angle the moon moved between first and last observation			
# of degrees that the moon moves per day			
Using this data, how long will it take the moon to make one complete orbit of the earth (360°)?			

e) Explain how you determined how long it will take the moon to make one complete cycle of phases.

Part 2: NAAP Lunar Phase Simulator Follow the instructions in the NAAP Lunar Phase Simulator Student Guide