

















Name _____ Period _____

Virtual Moon Journal

Date	Time	Azimuth (moon)	Altitude (moon)	Distance (1000s of km)	Disk Illumination %	Angular Separation	Phase	Sketch
Jan 3, 2010	8:30am							
Jan 5, 2010	8:30am							
Jan 7, 2010	8:30am							
Jan 9, 2010	8:30am							
Jan 11, 2010	8:30am							
Jan 13, 2010	8:30am							
Jan 15, 2010	8:30am							
Jan 17, 2010	8:30am							
Jan 19, 2010	8:30am							
Jan 21, 2010	8:30am							
Jan 23, 2010	8:30am							
Jan 25, 2010	8:30am							

Jan 27, 2010	8:30am							
Jan 29, 2010	8:30am							
Jan 31, 2010	8:30am							
Feb 2, 2010	8:30am							

1. Is the Moon visible in the sky today during daylight?
2. Is any portion of the moon visible during the new moon?
3. Does the moon line up exactly with the sun during a new moon?
4. How many days between the new and full moon?
5. How many days was the moon in a waxing crescent phase? A waning gibbous phase?
6. What did you like about this lab?
7. What would you change?
8. Describe the direction (clockwise or counterclockwise), the distance traveled by the moon in degrees per day, and the total time for one lunar orbit.