

ASTRONOMY 101A (Fall Semester 2002)

LUNAR PHASES, PART II SELF-QUIZ

Try and see if you can answer these questions. A solution key will be posted, although I highly suggest you do the quiz before the solution key is posted to see if you understand the material.

1. If we see a 1st quarter moon today, what will people on the other side of the Earth see later today?

2. What time is it for the stick figure drawn on the plot below?



3. Approximately what time does the moon rise when it is in the 1st Quarter phase?
4. Approximately what time does the moon transit (pass overhead) when it is in the 3rd Quarter phase?
5. Which phases of the moon would be visible to the stick figure in the diagram for Question 2?
6. If you observed the moon setting in the west as the Sun is transiting (passing overhead), then what phase of the moon must it be?