

Name _____ Date _____ Period _____

Lunar Eclipse



Instructions:

- Print this page
- Go to <http://www.mreclipse.com/Special/LEprimer.html>
- Use site to answer the questions below

Questions:

- The moon orbits the sun every _____ days.
- The diameter of the moon is _____ miles.
- List eight phases of the moon:

- Why can't the new moon phase be seen?

- Where is the moon during a full moon?

- A lunar eclipse can only occur during which phase? _____

7) What is a penumbral lunar eclipse? _____

8) What is a partial lunar eclipse? _____

9) What is a total lunar eclipse? _____

10) Why don't we have a lunar eclipse during every full moon?

11) Describe what the total phase of a lunar eclipse looks like from earth.

12) Are lunar eclipses safe to watch? _____

13) When is the next lunar eclipse visible in Harrison? _____

Click on the date of the next eclipse to see a diagram of the moon's path.

14) According to the diagram, the moon is completely in the earth's shadow at (***circle one: P1 U1 U2 U4 P4***)

15) On October 28, Harrison is 4 hours later than UT time. What time (Harrison local time) will the moon enter totality on October 28?

16) Will you watch the eclipse on Wednesday? _____