

Name: _____ Period: _____ Date: _____

3 Eclipses

-
In class, before lecture: Please diagram what you believe a solar and lunar eclipses may look like.

Please include: The Sun, Earth, Moon. The Sun's rays, and the shadows from the Earth or Moon.

Solar Eclipse

Lunar Eclipse

PLEASE DIAGRAM: include, Sun, Earth's orbit, and Moon's orbit

The Sun-Earth axis (x-axis) = Ecliptic

The Earth-Moon axis is tilted 5 degrees off the Ecliptic

Vocabulary Words

Lunar Eclipse:

Solar Eclipse:

Umbra:

Penumbra:

Please diagram what a solar and lunar eclipses look like.

Please include: The Sun, Earth, Moon. The Sun's rays, and the shadows (including Umbra and Penumbra) from the Earth or Moon.

Solar Eclipse

Lunar Eclipse