Glorious Eclipses

- Shadow of Earth on Moon—Lunar eclipse.
  - Always at Full Moon
- Shadow of Moon on Earth—Solar eclipse.
  - Always at New Moon
- Does not happen every month because Moon’s orbit is tilted with respect to the plane of Earth’s orbit.
- Moon misses Earth’s shadow by being either above or below it.
- Moon’s shadow misses Earth for same reason.

Images of a total lunar eclipse

A

B