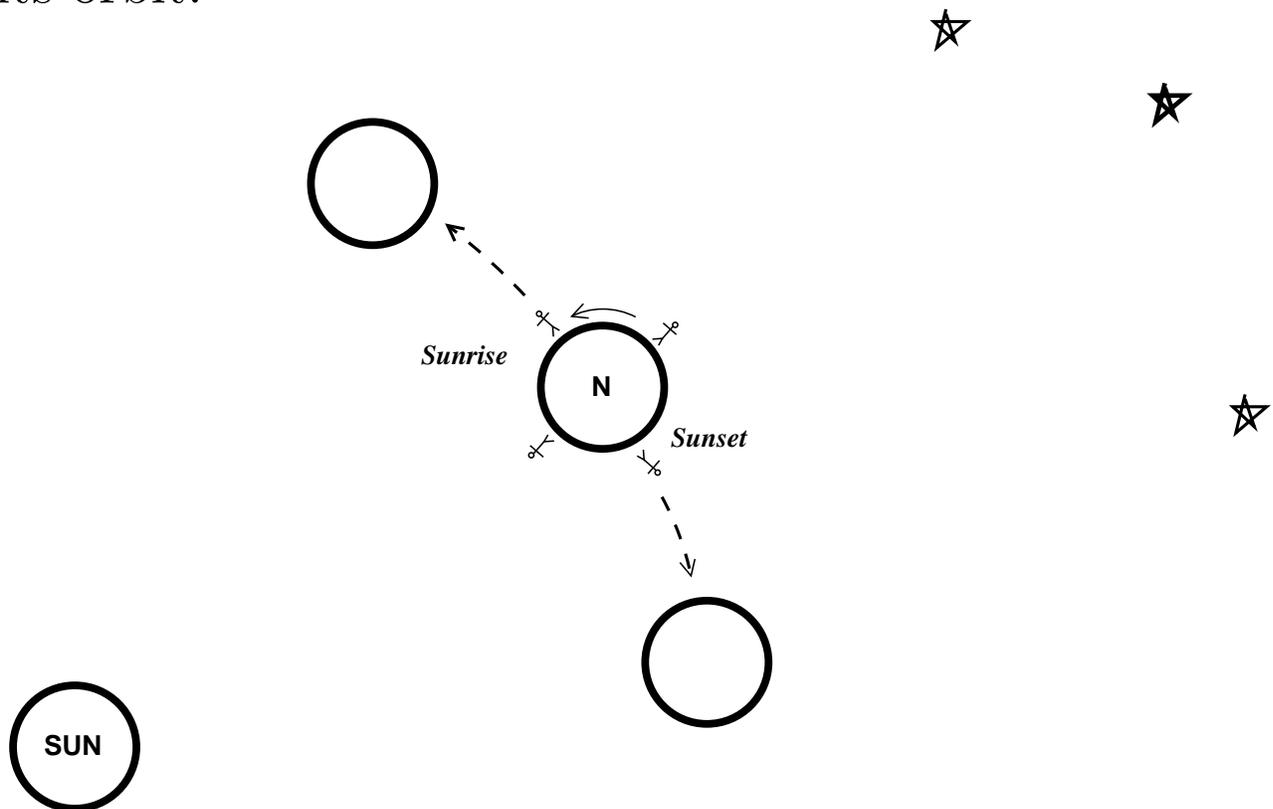


The Earth orbits the Sun, and it also turns on its axis once every day. The fact that a solar day (24 hrs) is longer than a sidereal day (23h 56m 04s) can tell us the direction that the Earth is moving in its orbit.



If you are standing near the equator, the direction the Earth moves in its orbit around the Sun is, roughly,

1. overhead at midnight
2. overhead at sunrise
3. overhead at noon
4. overhead at sunset

Remember, the sun rises in the East.