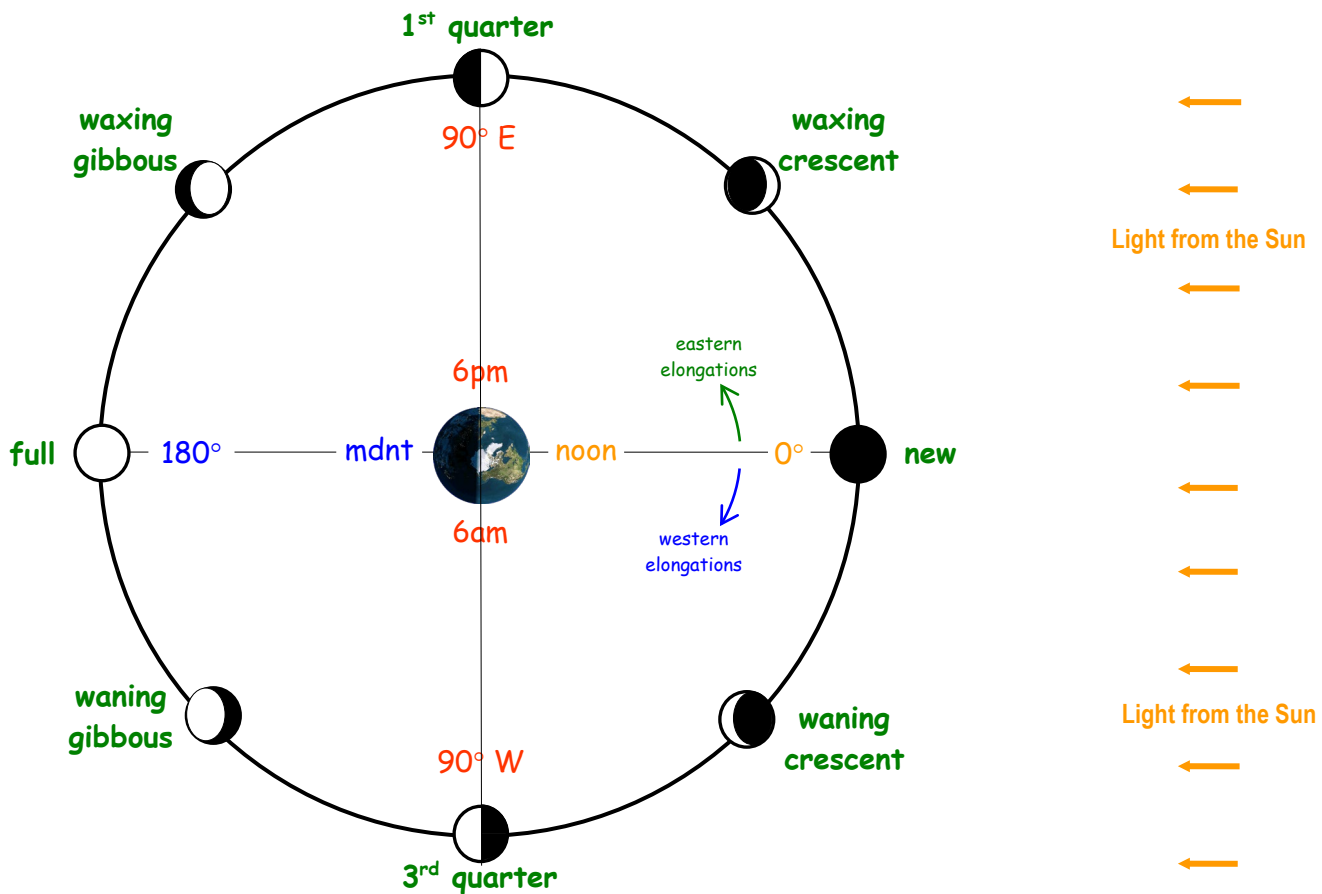


PHASES OF THE MOON



Complete the following table for the phases of the moon, assuming a 12-hour "moon day" (phases are not in order of occurrence).²⁴ **THE PHASES ARE NOT IN ORDER!**

PHASE	ELONGATION	RISING TIME	TRANSIT TIME*	SETTING TIME
1 st Quarter	90° E	Noon	6 pm	Midnight
Waning Gibbous	~135° W	9 pm	3 am	9 am
New	0°	6 am	noon	6 pm
Waning Crescent	~45° W	3 am	9 am	3 pm
3 rd Quarter	90° W	MIDNIGHT	6 am	Noon
Waxing Gibbous	135° E	3 pm	9 pm	3 am
Full	180°	6 pm	Midnight	6 am
Waxing Crescent	45° E	9 am	3 pm	9 pm

*The "transit time" is the time when the object is on the observer's meridian

