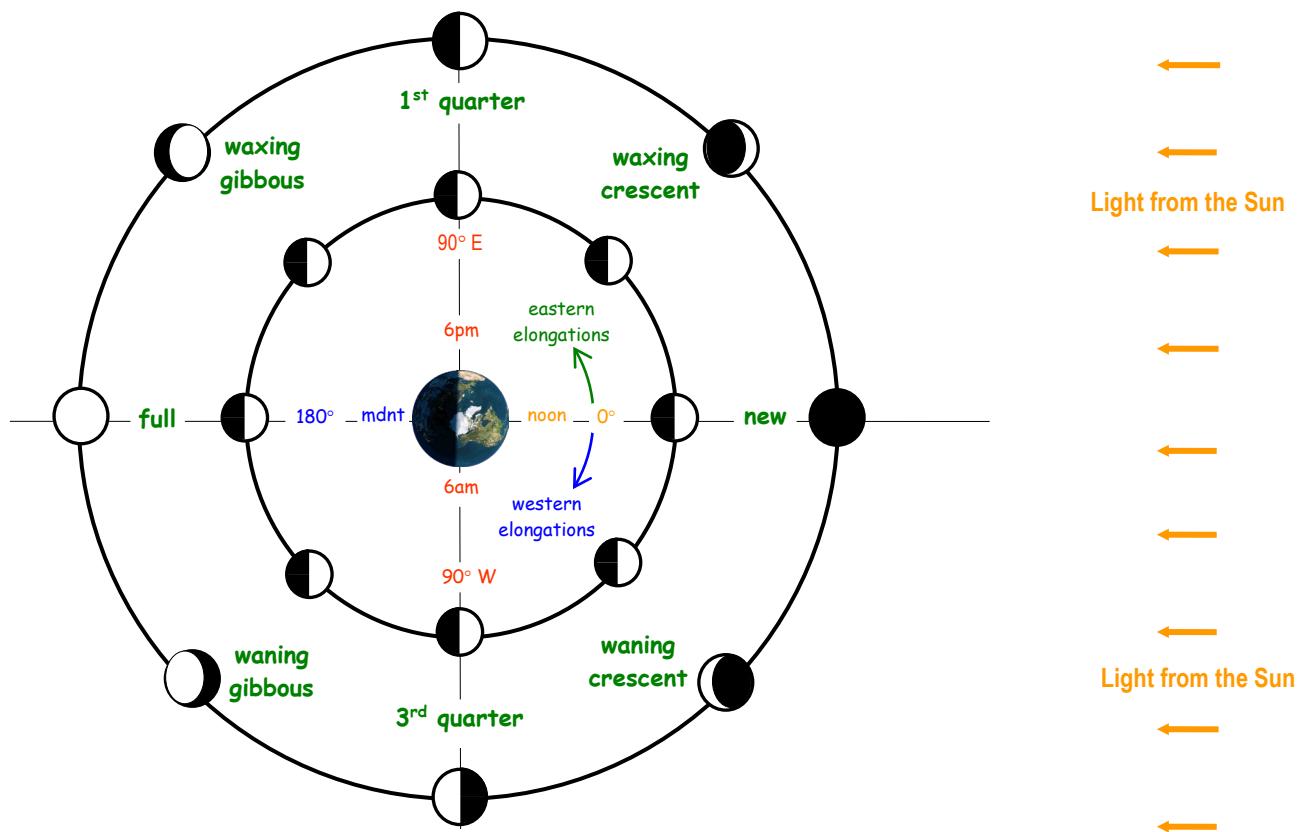


PHASES OF THE MOON

The inner circle shows the moon in its orbit, the outer circle shows how each phase appears as seen from Earth



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
				Midnight
	$\sim 135^\circ$ W		3 am	
New				
	$\sim 45^\circ$ W			
		MIDNIGHT		
Waxing Gibbous				
		6 am		
		9 am		

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

