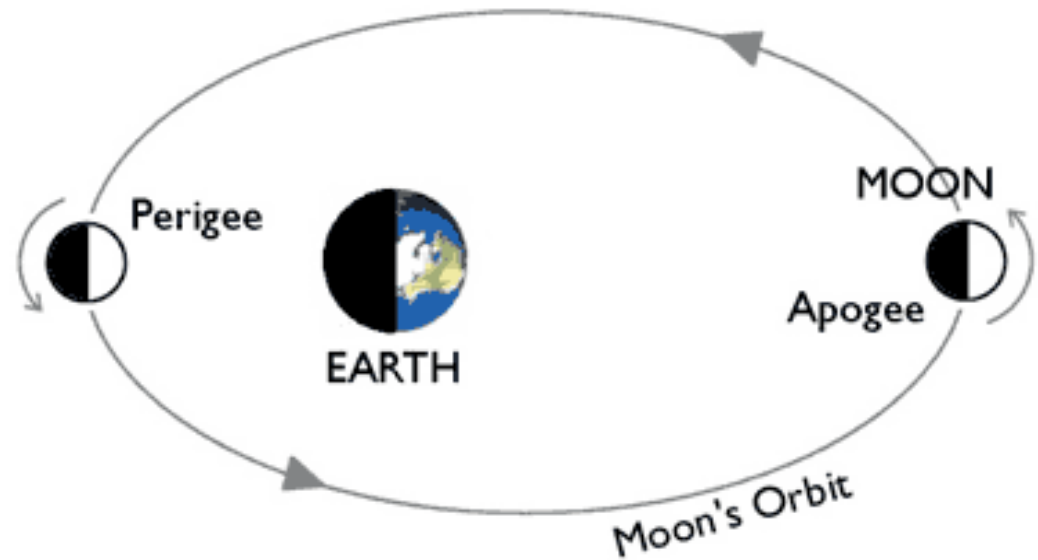


Perigee: Moon is closest to Earth

Apogee: Moon is farthest from Earth

Average distance from Earth to the moon =  
384,000 km =  
238,607 miles!



# Phases of the Moon

- phases: various shapes of the moon lighted by reflected sunlight

Brain Pop:  
Moon Phases



- waxing: when the size of the visible portion of the moon is increasing
- waning: when the size of the visible portion of the moon is decreasing

- new moon: no lighted area of the moon is visible from the Earth
- full moon: entire half of the side of the moon facing Earth is lit



- crescent: less than half of the side facing the Earth is lit
- gibbous: more than half of the side facing the Earth is lit



- Why does the same side of the moon always face us?

- Because the moon rotates and revolves at the same speed:

27 1/3 days!

