

Name: _____ Period: _____ Date: _____

Notes 1: Moon Phases

The Moon revolves around the earth every _____

The Moon rotates once every _____

Due to this _____ we only see _____ of the Moon.

Vocabulary Words

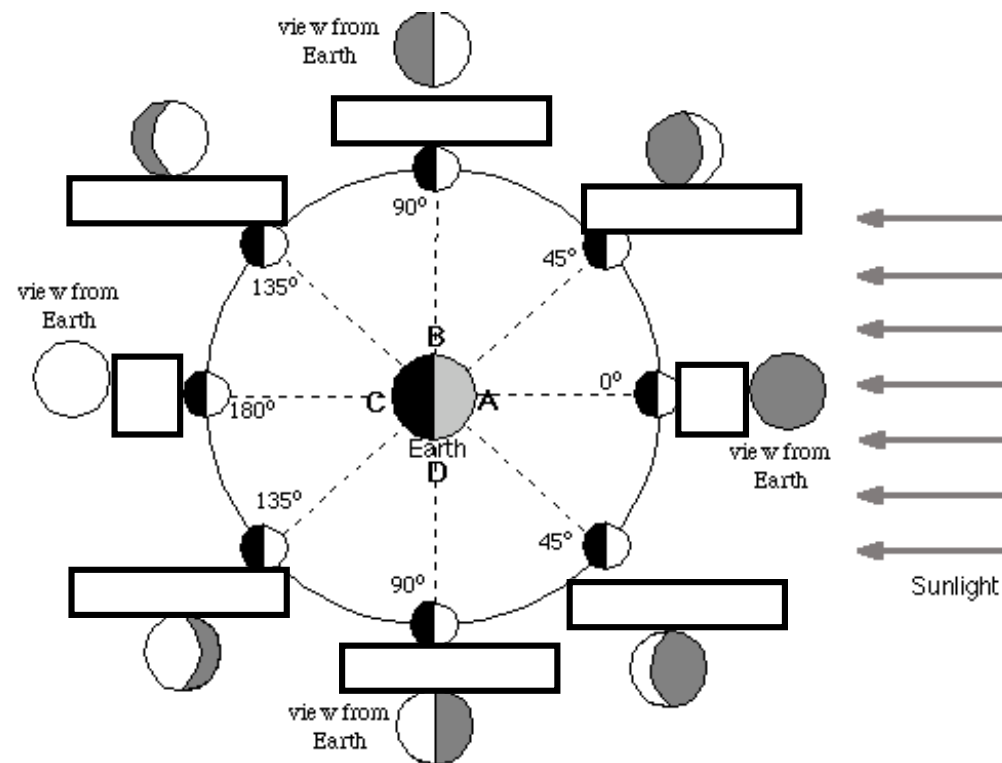
Waxing:

Waning:

Crescent:

Gibbous:

Please Fill in the chart below using the vocabulary terms and knowledge that the Moon revolves in a counter clock wise motion.



The Sun-Moon angle is the angle defined by Sun->Earth->Moon with Earth (where *we* are) as the angle vertex. As the Sun-Moon angle increases we see more of the sunlit part of the Moon. Note that if this drawing were to scale, then the Moon would be half this size and its orbit would be about 22 **times** larger in diameter and the Sun would be about 389 **times** farther away than the Moon!