Name
- 670)
nlight
•
ons of the Moon. (Not in book.)
5y nchronous Rotation
days. caused by tidal forces
ance of the from Earth.
Fthe Moon, Earth, Sur
on Moon faces the mobjects lit at ayl times!
on.
711 •
Moon facing Earth is lighted.
de of the Moon facing Earth is lit.
e of the Moon facing Earth is lit.
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ide of the Moon facing Earth is lit.
of the Moon facing Earth is lit

The Moon – Earth's Satellite (p. 666 -

	I.	Μo	tions	Of	The	Moon
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1.	What	causes	the	Moon	to	"shine"	?		
							^	2.5	

Surface reflects su

- 2. Circle the letter of each sentence that is true about moti
 - a. The Moon revolves around the Earth once a year.
 - The same side of the Moon always faces the Earth.
 - The Moon rotates slowly on its axis once every 27.3 A "day" and a "year" on the Moon are the same length.

II. Phases Of The Moon

1. Define the term moon phases

Moon Phases - Moon as viewed for

2. What causes the phases of the Moon?

hanging relative positions of

3. What does the phase of the Moon you see depend on?

low much of the sunlit side

4. How often does the Moon go through an entire set of ph

nce every 29.5 days

- 5. Match the correct moon phase with the correct definition
 - 1. New Moon
- A. All of the side of the
- Waxing Crescent B. Left sickle-shaped sid
- 1st Quarter
 - C. Right egg-shaped side
- Waxing Gibbous D. Left half of the side of
- 5. A Full Moon
 - E. Right sickle-shaped s
- Waning Gibbous F. Left egg-shaped side of the Moon facing
- 3rd Quarter
- G. The side of the Moon facing Earth is dark.
- - Waning Crescent H. Right half of the side of the Moon facing Earth is lighted.

Name
<u>es</u>
Vhen the Moon's shadow hits Earth or Earth's shadow hits the Moon, what occurs?
eclipse
Vhat are two types of eclipses?
1. Solar
2. JUNGS
Vhat causes a solar eclipse?
Moon passes directly between Earth + the Sun, blocking Sunlight from
+ the Sun blocking Sunlight from
eaching Earth (Never longer than 71/2 minutes
The darkest part of the Moon's shadow is called the

Annular Solar from Earth and total Solar eclipse produces a 8. Circle the letter of each sentence that is true about lunar eclipses?

III. Eclipses

4.	The darkest part of the Moon's shadow is called the
5.	The larger part of the shadow that is less dark is called the <u>Penumbra</u> .
6.	Circle the letter of each sentence that is true about solar eclipses. _ Sky darkens
2 2 5	a. People in the umbra see only a partial solar eclipse. During a partial solar eclipse, part of the Sun remains visible. During a total solar eclipse, the sky grows dark. Richs reest
25/	C. During a total solar eclipse, the sky grows dark. d. People in the penumbra see a total solar eclipse. Crickets Chirp What is the arrangement of the Earth, the Moon, and the Sun during a lunar eclipse?
/ /.	what is the arrangement of the Larth, the woon, and the Sun during a lunar ecupse:
2	Farth is directly between the Moon + the Sun

b. A lunar eclipse always occurs at a full Moon (reddish color & light bent in

(d.) A partial lunar eclipse occurs when the Moon passes partly into Earth's umbra shadow.

© During a lunar eclipse, Earth blocks sunlight from reaching the Moon.

Transit-blocking of Sunlight as a planet (Mercury, Venus) passes between Sun + Earth

1. When the Moon's shadow hits Earth or Earth's shadow

(a,) People in Earth's umbra see a total lunar eclipse.

2. What are two types of eclipses?

3. What causes a solar eclipse?