n that you would see from Fa	rth hased on the diagram he	low:
	The diagram below represe the Moon as it revolves aro	ents eight positions of
	EARTH	
Andrews proceedings the state of the state o	NORTH POLE	SUNLIGHT -
	F G H	· ·
The Company of the Co	(not drawn to scale)	
e cycle of the moon's phases	take?	
owing phases and determine w	whether they are waxing or wa	aning.
11) M	12) H	13)
phase	phase	phase
waxing or waning	waxing or waning	waxing or waning
15) A	16) E	
phase	phase	
waxing or waning	waxing or waning	
	e cycle of the moon's phases owing phases and determine w 11) phase waxing or waning 15) A phase	the Moon as it revolves are composed by the moon's phases take? It is a second of the moon's phases take? It is a second of the moon's phases take? It is a second of the moon's phases take? It is a second of the moon's phases take? It is a second of the moon's phases take? It is a second of the moon's phases take? It is a second of the moon's phases take? It is a second of the moon's phases take? It is a second of the moon's phases take? It is a second of the moon's phases take? It is a second of the moon's phases take? It is a second of the moon's phases take? It is a second of the moon's phases take? It is a second of the moon's phase moon's p

Phases of the Moon Homework

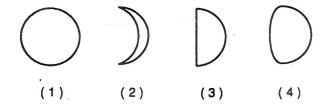
Before working on this assignment read textbook pages 85 -87 and 107 -108.

Date

Period _____

A:	nswer the following questions based on the diagrams in questions 10 - 16.	
1	7) What phase would occur between diagram 16 (E) and diagram 10 (0)?	areasyumotalismess
1	8) What phase would occur between diagram 15 (A) and diagram 11 (M)?	
1	9) If the moon looked like diagram 14(R), which number diagram would be observed next in the l	unar
c	ycle?	
-	0) If the moon looked like diagram 10(0), which number diagram would be observed next in the l	unar
c	ycle?	
The c	diagram represents the Moon in various positions in its orbit around the h. Letters A through E represent five of the Moon's positions.	
	Questions 21-25	4
	D A	SUN'S RAYS
		-
		4
	E The sub-line shows the appropriate discrete	motor of
21)	Which diagram best represents the appearance of the Moon to an observer on the Earth when the Moon is at position B? The graph below shows the apparent diameter the Moon as viewed from Earth during or lution of the Moon.	

21)

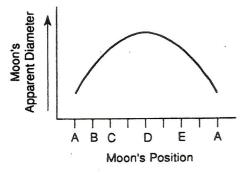


- 22) The Moon would not be visible from Earth when the Moon is at position
 - (1) A

(3) *C* (4) *D*

(2) E

- 23) Why would an observer on Earth see a complete cycle of phases of the Moon in approximately 1 month?
 - 1 The Moon rotates on its axis.
 - 2 The Moon revolves around the Earth.
 - 3 The Earth rotates on its axis.
 - 4 The Earth revolves around the Sun.



According to the graph, at which position is the Moon closest to the Earth?

(1) A

- (3) C
- (2) E (4) D

Note that question 25 has only three choices.

- If the distance of the Moon from the Earth were 25) to increase, the length of time the Moon would take to complete one revolution around the Earth would
 - 1 decrease
 - 2 increase
 - 3 remain the same



Phases of the Moon Homework

Before working on this assignment read textbook pages 85-87 and 107-108.

Part A -Name the phases of the moon that you would see from Earth based on the diagram below:

A) New Moon		The diagram below repr the Moon as it revolves	esents eight positions of around the Earth.
B) New Crescent	Erotenskom planyspower (Rysubissurpone		B
c) 1st 1/4		EARTH	→
D) New Grbbons	Conception and the second seco	E	A
E) Full	Province Control Contr	NORTH	SUNLIGHT -
F) Old Gibbous	The Annual Conference of the Spring of Consession of	POLE	н .
G) last 1/4	representation to the technique of the second trans	G (\(\)
H) Old Grescent	The part was an amount of the part		
		(not drawn to scale)	*
3) How long does a complet.	e cycle of the moon's pha	ses take? 29.5 de	ays
o, too too too too too too too too too t	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	DOD 601201 metacated contraction of the first	
Part B - Name the follo	owing phases and determin	ne whether they are waxing or	waning.
10) O	11) M	12) H	13) (o
waxing	waning	7e,	wanny
phase <u>Crescent</u>	phase Gibbons	phase Y4	phase <u>Crescent</u>
waxing or waning	waxing or waning	waxing or waning	waxing or waning
14) B	15) A	16)	

last phase . phase .. waxing or waning

waxing or waning

waning

phase waxing or waning

Answer the following questions based on the diagrams in	n questions 10 - 16.
17) What phase would occur between diagram 16 (E) an	nd diagram 10 (0)?
18) What phase would occur between diagram 15 (A) ar	nd diagram 11 (M)?
19) If the moon looked like diagram 14(R), which num	ber diagram would be observed next in the lunar
cycle?	
20) If the moon looked like diagram 10(0), which num	ber diagram would be observed next in the lunar
cycle?	-\1 \frac{1}{2}\1
The diagram represents the Moon in various positions in its Earth. Letters A through E represent five of the Moon's positions.	
Questions 21 - 25	D SUN'S RAYS
2 PS	
Which diagram best represents the appearance of the Moon to an observer on the Earth when the Moon is at position B?	The graph below shows the apparent diameter of the Moon as viewed from Earth during one revolution of the Moon.
	Moon's Apparent Diameter
(1) (2) (3) (4)	A B C D E A Moon's Position
The Moon would not be visible from Earth when the Moon is at position (1) A (2) E (3) C (4) D	According to the graph, at which position is the Moon closest to the Earth? (1) A (2) E (3) C (4) D
Why would an observer on Earth see a complete cycle of phases of the Moon in approximately 1 month?	Note that question 25 has only three choices.
The Moon rotates on its axis. The Moon revolves around the Earth. The Earth rotates on its axis. The Earth revolves around the Sun.	If the distance of the Moon from the Earth were to increase, the length of time the Moon woul take to complete one revolution around the Earth would

1 decrease
2 increase
3 remain the same