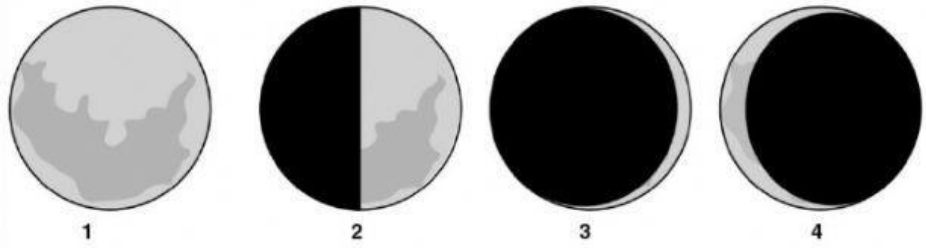
4.E.3B.1 Moon Indicator Assessment

Name: _____

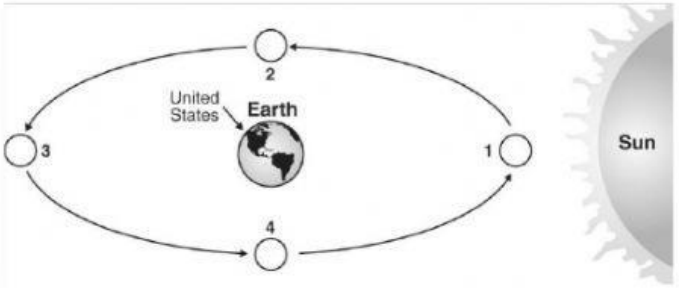
1. Below are four phases of the lunar cycle, but they are NOT in the correct order.



Which sequence BEST shows the correct order of one lunar cycle starting with a waxing crescent?

A. 1, 4, 3, 2
B. 4, 3, 1, 2
C. 3, 4, 2, 1
D. 3, 2, 1, 4

2. The diagram shows the Moon in various positions around Earth. At which position would the Moon appear to be full to people in the United States?



A. 1
B. 2
C. 3
D. 4

3. Students looked at a calendar for February 2007. They saw that the full moon occurred on February 2nd of that year. Based on the cycle of moon phases, what date would the students predict that the next full moon occurred in 2007?

February **2007**

Sun	Mon	Tues	Wed	Thur	Fri	Sat
				1	2 ○	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

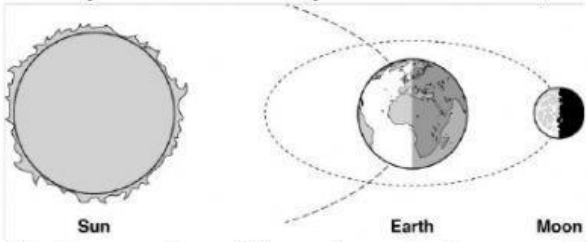
A. February 16
B. February 22
C. March 3
D. March 10

LIVEWORKSHEETS

4. At night, the Moon is the brightest object in the sky. Where does the Moon's light come from?

A. The Moon reflects light from Earth.
B. The Moon reflects light from the Sun.
C. The Moon makes light beneath its surface.
D. The Moon has rocks on its surface that glow.

5. The picture shows the position of the Sun, Earth, and the Moon on one night.



What moon phase did people on Earth see on this night?

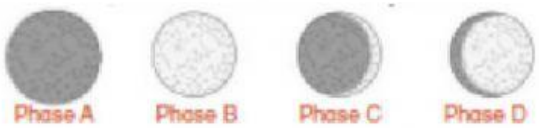
A. new moon
B. first quarter
C. full moon
D. third quarter

6. Which of the following explains why the Moon appears to change shape from day to day?

A. The position of the Sun, the Moon, and the Earth in our Solar System cause the Moon to appear to change shape
B. The Sun gets brighter as the month draws to an end causing the Moon to receive more sunlight.
C. The Sun gets dimmer as the month draws to an end resulting in the Moon receiving less sunlight.
D. The Moon revolves around Earth causing more or less of the brightened side of the Moon to be visible from Earth's surface.

Use the diagram below to answer questions 7 and 8.

LIVEWORKSHEETS



7. Phase A is called the _____ moon.

A. Full
B. Gibbous
C. New
D. Crescent

8. Phase D is called the _____ moon.

A. Full
B. Waxing Gibbous
C. New
D. Waxing Crescent

9. _____ of the moon is lit at all times.

A. one half
B. one quarter
C. one third
D. one fifth

10. The phases of the moon are caused by the

A. tilt of Earth.
B. tilt of the Moon.
C. revolution of Earth around the Sun.
D. revolution of the Moon around Earth.

LIVEWORKSHEETS