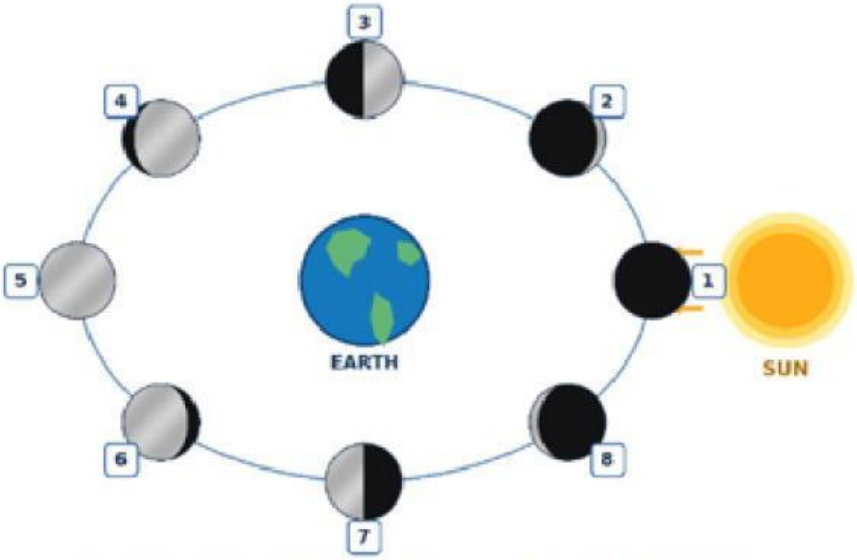
Moon Phases - Understanding the Lunar Cycle

Name: _____ Class: _____ Date: _____

Instructions: Study the diagram. Select one answer for each question.



Eight numbered Moon positions around Earth with the Sun on the right

22. At which position will an observer on Earth see a First Quarter Moon?

23. Which position represents the Last Quarter Moon?

LIVEWORKSHEETS

Moon Phases - Understanding the Lunar Cycle

Name: _____ Class: _____ Date: _____

Instructions: Study the diagram. Select one answer for each question.

24. At which positions will half of the Moon's visible disk be illuminated?

25. Which positions represent the waxing phases between New Moon and Full Moon?

26. Which positions represent the waning phases between Full Moon and New Moon?

LIVEWORKSHEETS

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Instructions: Study the diagram. Select one answer for each question.

27. Which sequence correctly shows the Moon moving from New Moon to Full Moon?

28. A student observes the Moon at position 2. Several days later, the illuminated portion has increased to half of the Moon's visible disk. Which position has the Moon reached?

LIVEWORKSHEETS

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Instructions: Study the diagram. Select one answer for each question.

29. The Moon is currently at position 5. As it continues moving toward position 6, what will happen to the illuminated portion visible from Earth?

30. A student claims that the Moon at position 1 cannot be seen because Earth blocks the sunlight. Which explanation correctly evaluates this claim?

LIVEWORKSHEETS