
Exercise A10: The Moon

Student name: _____ Class: _____ Date: _____

Check the box with the correct answer.

Question 1: The length of a rotation period (“day”) of the Moon is:

- a. 24 hours
- b. 27.3 Earth days
- c. 29.5 Earth days
- d. One Earth month

Question 2: How long does the Moon take to complete one orbital revolution around the Earth?

- a. 27.3 hours
- b. 27.3 days
- c. 29.5 days
- d. One month

Question 3: On Earth we always see the same side of the Moon because:

- a. The Moon is smaller than the Earth.
- b. The Moon rotates slower than the Earth.
- c. The Moon’s orbit is rotating at the same rate as the Earth.
- d. The rotation and revolution period for the Moon are the same.

Question 4: If the Moon takes 27.3 days to complete one 360° orbit around the Earth, how many degrees per day does the Moon move across Earth’s sky?

- a. 36°
- b. 1°
- c. 13.18°
- d. 180°

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Question 5: During the libration cycle, the Moon appears to grow successively larger and smaller. Which statement correctly explains this phenomenon?

- a. The Moon physically shrinks and expands due to Earth's tidal influence.
- b. The apparent change in size is caused by atmospheric refraction when the Moon appears close to the horizon.
- c. The Moon's elliptical orbit means the Earth-Moon distance varies so the Moon's apparent size changes.
- d. Earth's elliptical orbit carries it closer to the Moon once a month.