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**Reflecting on Lesson 5.2:**

Earth in Space Lesson 5.2: Modeling Phases of the Moon.

1. As seen from Earth, what causes the Moon to change its apparent shape throughout the month? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. Approximately how long does it take for the Moon to go through one set of phases? \_\_\_\_\_\_\_\_
2. How many days does each phase last? \_\_\_\_\_\_\_\_
3. Is the Moon visible only in the nighttime sky? Why or why not? (Think about what you saw when you were facing the Sun which represents daytime on Earth.) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. Does everyone on Earth see the same phase of the Moon on any given day? Why or why not? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. Is the same side of the Moon always dark? Why or why not? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. Using page 672 in your textbook, label the phases you drew on Student Sheet 5.2 and then list them by number and write the names here.