4.6 #1 Graded Assignment

1. Larry knows that when it is daylight on one part of Earth, it is nighttime the other.

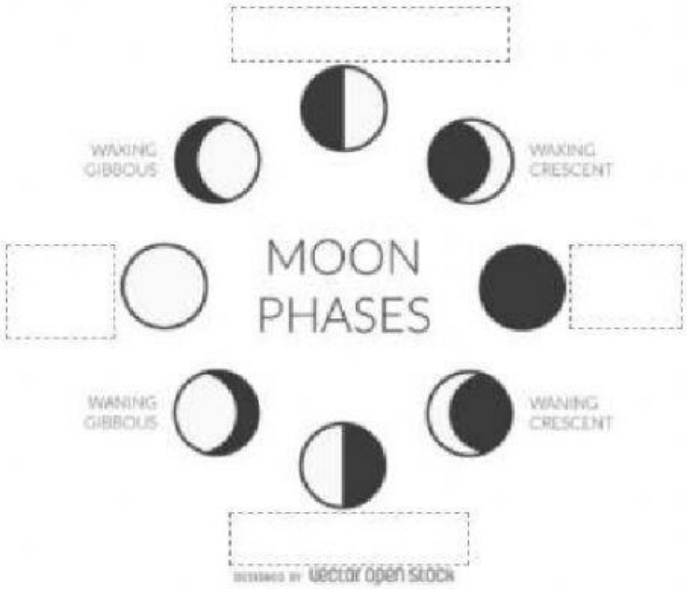


Earth

What makes daylight turn to darkness?

A. the rotation of Earth
B. the tilt of Earth on its axis
C. earth revolving around the sun
D. the sun traveling away from earth

2. Identify the correct moon phases.

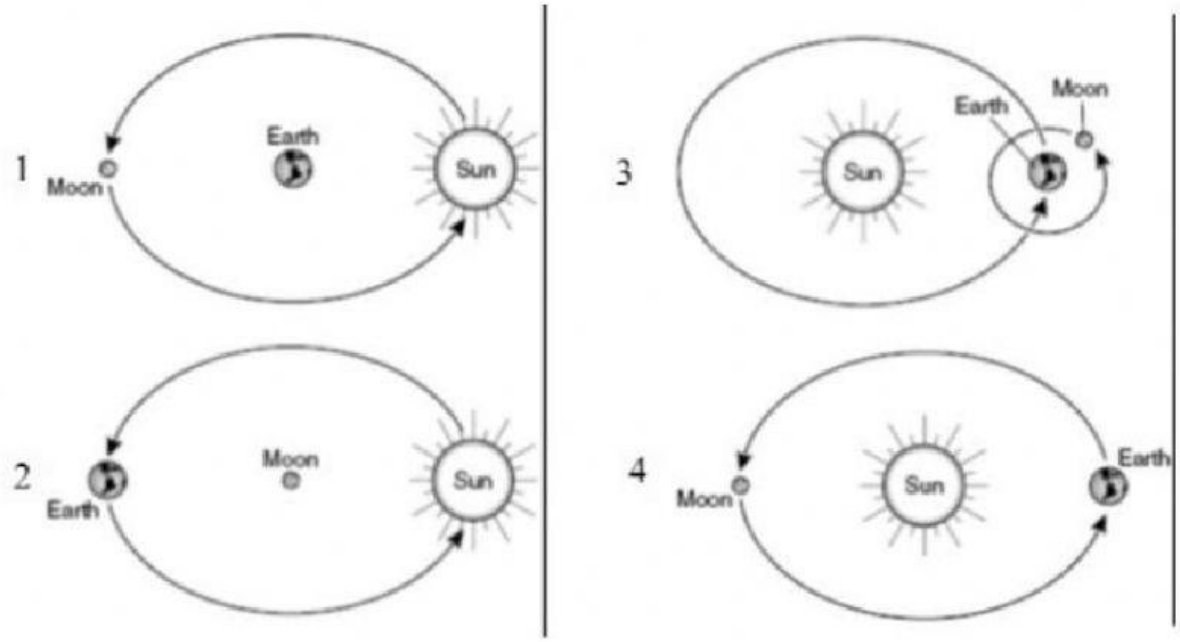


3. A model of the moon would be different from a model of Earth in that the moon should-

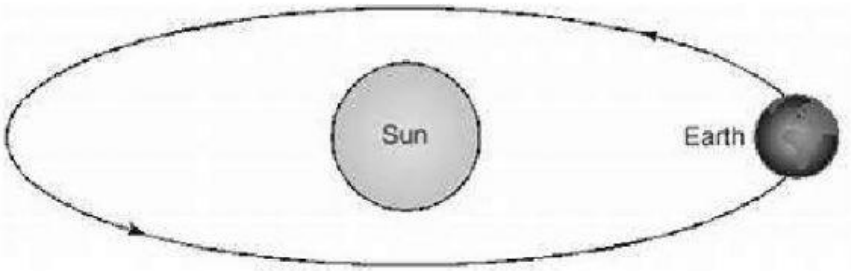
A. be smaller than Earth.
B. have a source of light.
C. have a smoother surface than Earth.
D. have fewer impact craters on the surface.

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4. Which diagram correctly shows the orbits of Earth, the moon, and the sun?



5. Look at the diagram below.



The motion of the Earth around the sun most affects the-

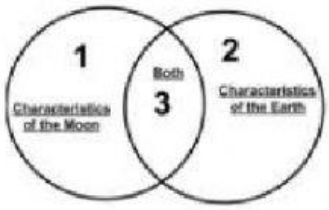
A. timing of tides
B. length of a month
C. cycle of the seasons
D.phases of the moon

6. Choose all of the features that are found on both Earth and the Moon. Choose 3

A. iron core
B. rocky crust
C. liquid water
D. thick mantle
E. gas atmosphere

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7. Look at the Venn diagram below.



Which of these would best fit in #3 in the Venn diagram.

A. rocky surface
B. active volcanoes
C. liquid water present
D. oxygen in the atmosphere

8. The table shows some of the characteristics of four different objects in our solar system.

object	size	temperature	orbit
1	small	cold	around a planet
2	small	cold	around the sun
3	large	hot	none
4	medium	warm	around the sun

Which object is a moon?

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

9. Compared with Earth, the moon

A. is two times larger.
B. is four times larger.
C. is smaller
D. is about the same size

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10. The table shows some physical characteristics of the sun and moon.

Sun	Moon
?	?
Rotates on its axis	Rotates on its axis
Creates its own light and heat	Reflects light from the sun

Which set of characteristics correctly completes the table?

A.

Sun	Moon
No gravitational pull	Strong gravitational pull

B.

Sun	Moon
Gas surface	Solid surface

C.

Sun	Moon
One-fourth the diameter of earth	110 times the diameter of earth

D.

Sun	Moon
No atmosphere	Atmosphere of gasses

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