

Content Practice B

Chapter 20.2

LESSON 2

Earth's Moon

Directions: On each line, write the term from the word bank that correctly completes each sentence. Some terms might be used more than once or not at all.

- | | | | |
|------------|----------|-------|--------|
| atmosphere | craters | cycle | emits |
| lava | maria | Moon | object |
| rays | reflects | ring | rock |
| rotation | waning | water | waxing |

You are able to see the Moon because it (1.) _____ light from the Sun. Scientists hypothesize that the Moon formed when a huge (2.) _____ struck Earth. Vaporized (3.) _____ formed a(n) (4.) _____ around Earth. As the ring cooled, the (5.) _____ formed.

The Moon's surface has remained the same for several billions of years because it has no (6.) _____ or (7.) _____. It does, however, have (8.) _____ that formed from space objects that crashed into the Moon. Light-colored streaks of blasted material called (9.) _____ stretch outward from some craters. Another feature found on the Moon are large dark, flat areas called (10.) _____. These formed after most impacts on the Moon's surface had ceased; (11.) _____ flowed up through the Moon's crust and solidified, covering many of the Moon's craters and other features. Highlands are another of the Moon's features. These older areas are covered with craters and were too high for the (12.) _____ that formed maria to reach.

The Moon has a lunar (13.) _____ with several phases. The Moon's (14.) _____ and revolution are similar in time, so the same side of the Moon always is seen from Earth. A lunar cycle lasts four weeks and includes (15.) _____ and (16.) _____ phases.

Key Concept Builder **LESSON 2****Earth's Moon****Key Concept** Why does the Moon's appearance change?**Directions:** Answer each question in the space provided.

The Moon's Cycle and Phases	
Question	Answer
What is meant by a Moon phase?	1.
What causes the phase of the Moon to change?	2.
What is a lunar cycle?	3.
How long is one lunar cycle?	4.
When does the waxing phase occur?	5.
When does the waning phase occur?	6.

Directions: Complete the chart by drawing what each Moon phase looks like as seen from Earth.

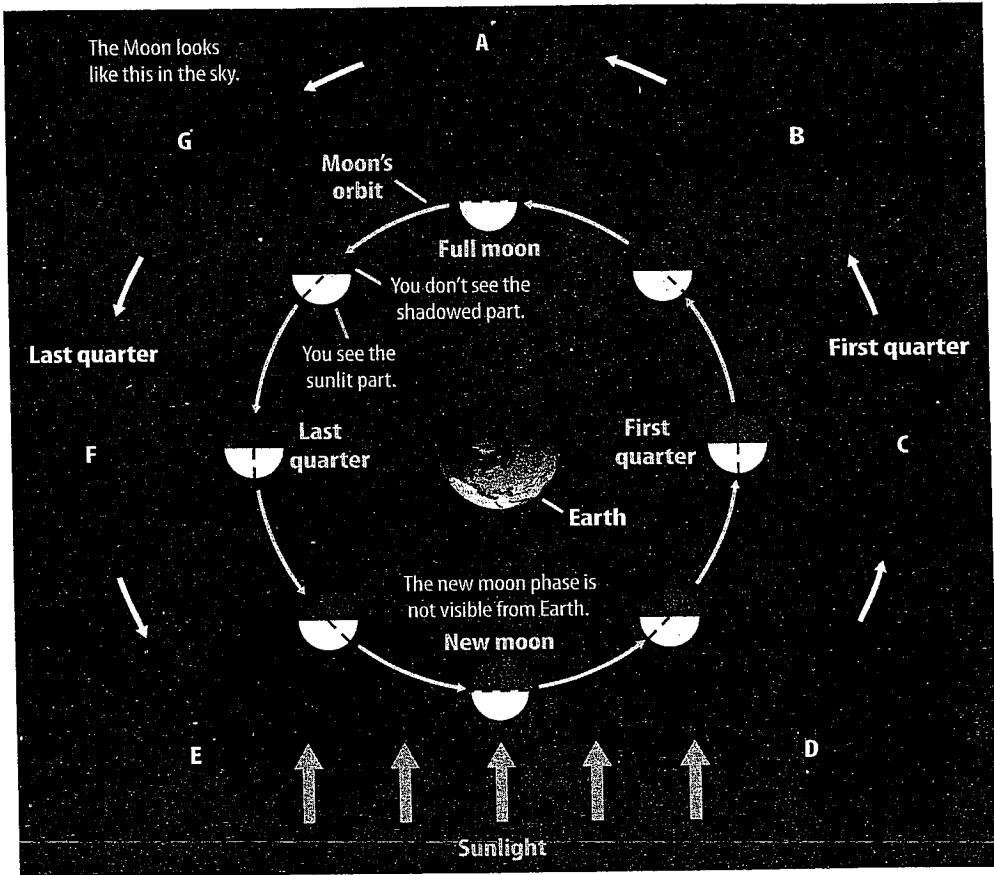
First Quarter (Waxing)	Full Moon (Waxing)
Last Quarter (Waning)	New Moon (Waning)

Key Concept Builder 

LESSON 2

Earth's Moon

Key Concept Why does the Moon's appearance change?



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Directions: Write the letter from the diagram that answers each question on the lines provided.

1. In which position would a person on Earth see a full moon? _____
2. In which position(s) would a person on Earth see a moon in the waxing phases?

3. In which position(s) would a person on Earth see a moon in the waning phases?

4. In which position would a person on Earth see a third quarter moon?

Lesson Quiz A

LESSON 2

Earth's Moon

Multiple Choice

Directions: *On the line before each question or statement, write the letter of the correct answer.*

- _____ 1. Why can we see the Moon?
 - A. It reflects sunlight.
 - B. It goes through phases.
 - C. It produces its own light.

- _____ 2. What causes the Moon to revolve around Earth?
 - A. Earth's gravity
 - B. the Sun's gravity
 - C. the Moon's lack of gravity

- _____ 3. What causes the Moon to change phases?
 - A. its small diameter
 - B. its rotation on its axis
 - C. its movement around Earth

- _____ 4. The Moon's phase is waning when it changes from
 - A. first quarter to a full moon.
 - B. last quarter to a new moon.
 - C. first quarter to a new moon.

- _____ 5. Because the Moon's periods of rotation and revolution are the same, it
 - A. rotates backwards.
 - B. never really moves.
 - C. keeps the same side always facing Earth.

Matching

Directions: *On the line before each definition, write the letter of the term that matches it correctly. Each term is used only once.*

- | | |
|---|--|
| <ul style="list-style-type: none"> _____ 6. the lit part of the Moon or a planet that can be seen from Earth _____ 7. formed when objects from space crashed into the Moon _____ 8. large, flat dark areas on the Moon _____ 9. light-colored areas on the Moon's surface | <ul style="list-style-type: none"> A. craters B. highlands C. maria D. phase |
|---|--|

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