

Name \_\_\_\_\_ Date \_\_\_\_\_

# Weekly Test Lesson 14

Read the passage. Then answer the questions.

## What Makes a Moon?

### Look in the Sky

Look up in the sky on a clear night and you might see Earth's moon. No one lives on the moon, but this big ball of rock has an important effect on our planet. It is also a fascinating place to explore as it journeys around our world.

### Exploring the Moon

Scientists have been studying the moon for thousands of years. The moon was observable just by looking at it at first. While this gave scientists some information about the moon, it could not provide enough clues to answer all the questions people had. Scientists were able to take a closer look at the moon's surface after the telescope was invented in 1608. It was possible to see craters and mountains and other features. This was not possible before. Scientists continued looking at and learning about the moon. Finally, in July 1969, two American astronauts named Neil Armstrong and Buzz Aldrin became the first people to walk on the moon. They made observations and collected rocks to bring home. Scientists studied them.

### All About the Moon

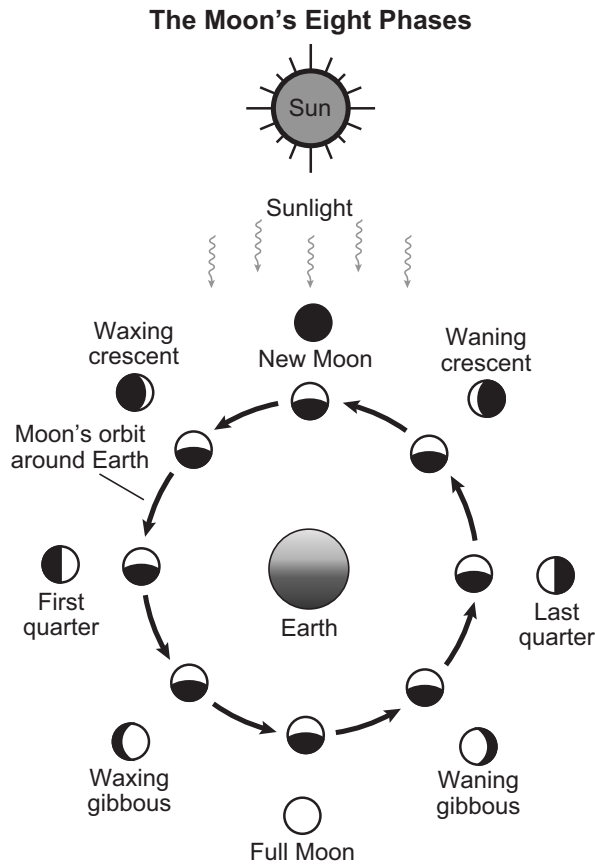
Scientists have learned many things about the moon. They think that the moon was formed 4.6 billion years ago when something struck Earth very hard. The impact of that strike knocked some of Earth's molten, or burning hot, material into space. The material cooled and formed the moon. Scientists studied the rocks the astronauts brought back. They found out that there were some elements in the moon rocks that were also found on Earth. This told scientists that the moon had once been part of Earth.

The moon is much smaller than Earth. The moon measures 2,159 miles in diameter. It is about 250,000 miles from Earth. There is no water on the moon, which is unlike Earth. That means there are no plants, animals, or any other living things. Instead, the moon is a large, dusty rock that cannot support any life. However, like Earth, the moon does have gravity. That gravity pulls against Earth and creates the tides. So even though the moon is so far from Earth, it is capable of affecting things on our planet every day.

Name \_\_\_\_\_ Date \_\_\_\_\_

### The Phases of the Moon

The moon orbits, or travels around, Earth about every 27 days. You may have noticed that sometimes the moon is big and round (full moon). Other times you can only see half of it, or even just a thin crescent. Sometimes you cannot see the moon at all (new moon). The moon's look changes as it travels around Earth. This is because of its position between the sun and Earth. The moon has no light of its own. It reflects light from the sun. That's why the positions of the sun and the moon affect what we see. This is what causes the moon's different phases.



The moon is our closest neighbor in space. It has important effects on our planet. Think about how far away this giant rock is the next time you look at the moon. It means so much to life on Earth.

Name \_\_\_\_\_ Date \_\_\_\_\_

## Reading

- 1 Read the sentence from the passage. Then answer the question that follows.

The moon was observable just by looking at it at first.

What is the meaning of the word observable as it is used in the text?

- (A) able to be left
  - (B) able to be seen
  - (C) visually interesting
  - (D) unlike anything else
- 2 How does the author explain the phases of the moon?
- (A) by describing the physical features of the moon
  - (B) by explaining how scientists have studied the moon
  - (C) by describing what astronauts brought back from the moon
  - (D) by explaining the relationships between the moon, Earth, and the sun
- 3 What information is included in the image that is not in the text?
- (A) what a full moon looks like
  - (B) what a new moon looks like
  - (C) that the moon orbits around Earth
  - (D) the name of each phase of the moon

Name \_\_\_\_\_ Date \_\_\_\_\_

**Reading**

4 Mark the boxes to match the information in each text section with its heading.

	<b>Explains About the First Astronauts to Walk on the Moon</b>	<b>Gives an Introduction to the Text</b>	<b>Explains the Appearance of the Moon as it Orbits Earth</b>	<b>Gives Physical Information About the Moon</b>
Look in the Sky				
Exploring the Moon				
All About the Moon				
The Phases of the Moon				

5 Why did the author write this text?

- Ⓐ to tell a story about astronauts exploring the moon
- Ⓑ to convince readers to visit the moon
- Ⓒ to describe why Earth has the moon
- Ⓓ to inform readers about the moon

6 Based on the passage, briefly explain how the moon and Earth are similar and different. Use evidence from the passage to support your answer.

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Name \_\_\_\_\_ Date \_\_\_\_\_

## Writing

- 7 Read the sentence and complete the task that follows.

The yell monkey hopes that you have some food for him.

What revision is needed in this sentence?

- (A) Change yell to is yelling.
- (B) Change yell to yelling.
- (C) Change yell to yelled.
- (D) Change yell to yells.

- 8 Read the sentences.

Maria was excited to swim. Maria jumped in the pool.

What revision **best** combines the two sentences?

- (A) Excited Maria jumped to swim.
- (B) Maria was excited and Maria jumped.
- (C) Excited to swim, Maria jumped in the pool.
- (D) Maria was excited to swim, but Maria jumped in the pool.

- 9 Which sentence contains an error in grammar usage?

- (A) The barking dog kept me awake.
- (B) He could not fix the leaking sink.
- (C) Worried about the rain, she stayed indoors.
- (D) Walked down the street, they saw every cloud in the sky.

- 10 Read the paragraph. Underline the **three** words that are misspelled.

Once upon a time, there was a lonely dragon who lived in a cave high above a citee. The people down below were very busey and did not have time to play with the dragon. One day, the dragon came into the valley, roaring and breathing fire through the streets. "Are you hungree?" asked a little girl with worry in her voice. The dragon laughed and said, "Now that I have your attention, would someone like to play with me? I'm lonely. My favorite game is tag. You're it!"