

# Unit 7 Reading Worksheet 2

Name \_\_\_\_\_

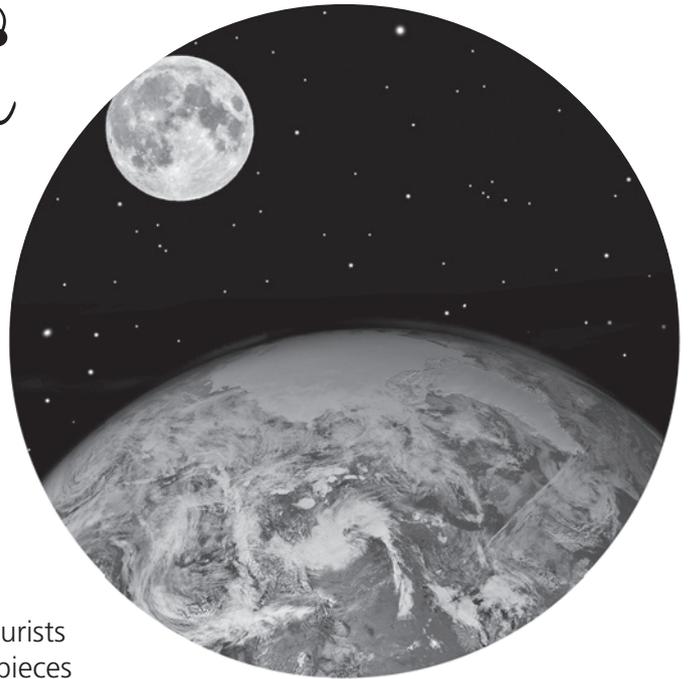
## Space Tourism

<sup>1</sup>People travel to exotic places every day, but is space tourism now possible? Some companies already sell trips to space, and trips to the moon may be possible in just a few years.

<sup>2</sup>Usually when you travel, you need to plan for **inclement** weather: rain, wind or cold temperatures. These conditions can only exist in an atmosphere. An atmosphere is a layer of gases around a **celestial body**. The gases stay in place because of **gravity**.

<sup>3</sup>What does this mean for space tourism? The moon's gravity isn't very strong, so it can't have an atmosphere. Without an atmosphere, it can't have weather. Moon tourists will also encounter **radiation** and space **debris**—small pieces of rock that can travel faster than a **bullet**. There are also extreme temperatures—ranging from  $-183^{\circ}\text{C}$  at night to  $106^{\circ}\text{C}$  during the day.

<sup>4</sup>Fortunately, carefully-designed spacesuits can protect moon visitors from this harsh environment!



### 1 Read and number the functions of each paragraph.

- 1 This paragraph introduces the topic.
- 2 This paragraph offers the solution to a problem.
- 3 This paragraph explains a problem.
- 4 This paragraph explains what an atmosphere is.

### 2 Complete the sentences.

1. Some companies already sell trips to space.
2. Rain, wind and cold temperatures are examples of \_\_\_\_\_.
3. \_\_\_\_\_ cannot exist without an atmosphere.
4. An atmosphere is a layer of \_\_\_\_\_ around a celestial body.
5. An atmosphere exists because of the force of \_\_\_\_\_.
6. Day and night \_\_\_\_\_ on the moon are extreme.
7. Spacesuits protect people from radiation and space \_\_\_\_\_.

### Glossary

**inclement:**  
stormy;  
unpleasant

**celestial body:**  
a natural object  
in space

**gravity:** the force  
of attraction  
that moves  
objects toward a  
celestial body

**radiation:** a  
dangerous form  
of energy

**debris:** objects  
such as rocks and  
waste

**bullet:** a piece of  
ammunition fired  
from a gun