

Test your knowledge by answering these questions about the Moon.
Check your answers on page 7 of the book.

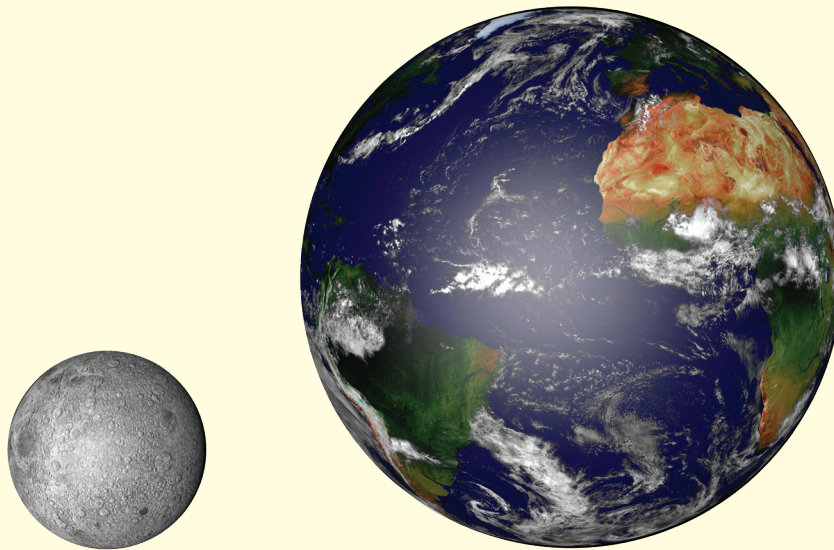
1. The Moon is not able to make its own light. Why can it still be seen in the night sky?

2. Does the Moon have an atmosphere?

3. When did astronauts first walk on the Moon?

4. How large is Earth's moon compared to other moons in the solar system?

5. How many people have walked on the Moon?



Test your knowledge of Earth by answering the following brain teasers.
Check your answers in the book.

1. What does Earth revolve around?

2. What is Earth sometimes called?

3. Is Earth a rocky planet, gas giant, or ice giant?

4. More than 1,000 Earths could fit inside which planet?

5. How much of Earth is covered in water?

Below are some number facts about Earth. Place each number
in the correct sentence to make a true statement about Earth.

93

7,926

59

365

1. Earth's mean temperature is degrees Fahrenheit.

2. Earth is million miles from the Sun.

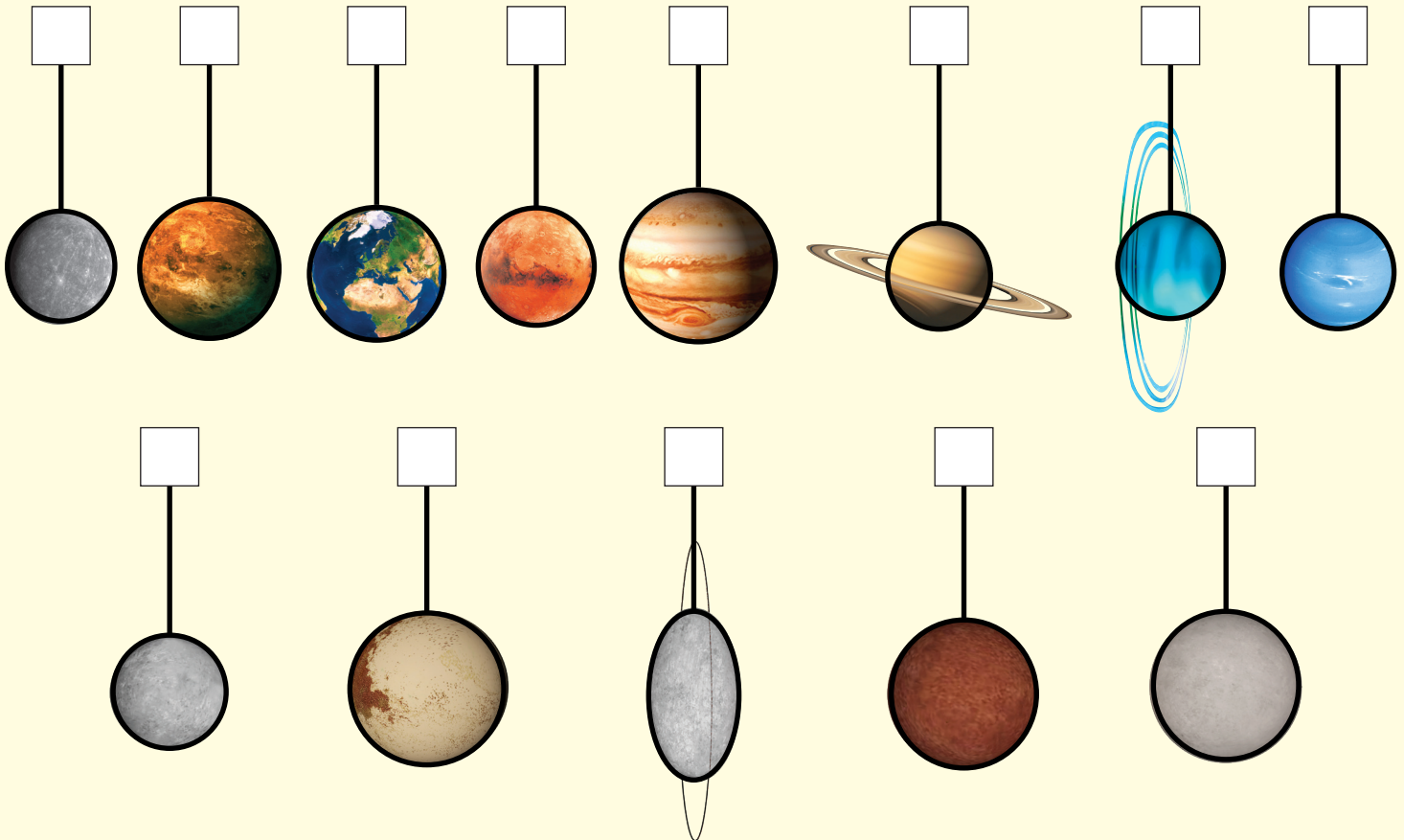
3. Earth is miles in diameter.

4. Earth revolves around the Sun every days.



Label each of the eight planets and five dwarf planets. Use the special sentence you learned from the book to help you remember the order of the eight planets.

- | | | | |
|-------------------|-----------------|------------------|-----------------|
| 1 Neptune | 5 Saturn | 9 Jupiter | 13 Venus |
| 2 Mercury | 6 Earth | 10 Haumea | |
| 3 Ceres | 7 Eris | 11 Mars | |
| 4 Makemake | 8 Uranus | 12 Pluto | |



Read the following questions. Then, select the correct answer to each question.

1. What is space debris?

- ☐ Meteors
- ☐ Comets
- ☐ Unused satellites
- ☐ Active satellites

2. What are satellites used for?

- ☐ Exploring distant planets
- ☐ Studying Earth
- ☐ Traveling to the Moon
- ☐ Searching for alien life

3. Which famous satellite was launched in 1998?

- ☐ Apollo 11
- ☐ International Space Station
- ☐ Hubble Space Telescope
- ☐ Mir Space Station

4. When did NASA begin using space shuttles?

- ☐ 1970s
- ☐ 1980s
- ☐ 1990s
- ☐ 2000s

5. Astronauts living and working on the International Space Station are learning more about the effects of _____.

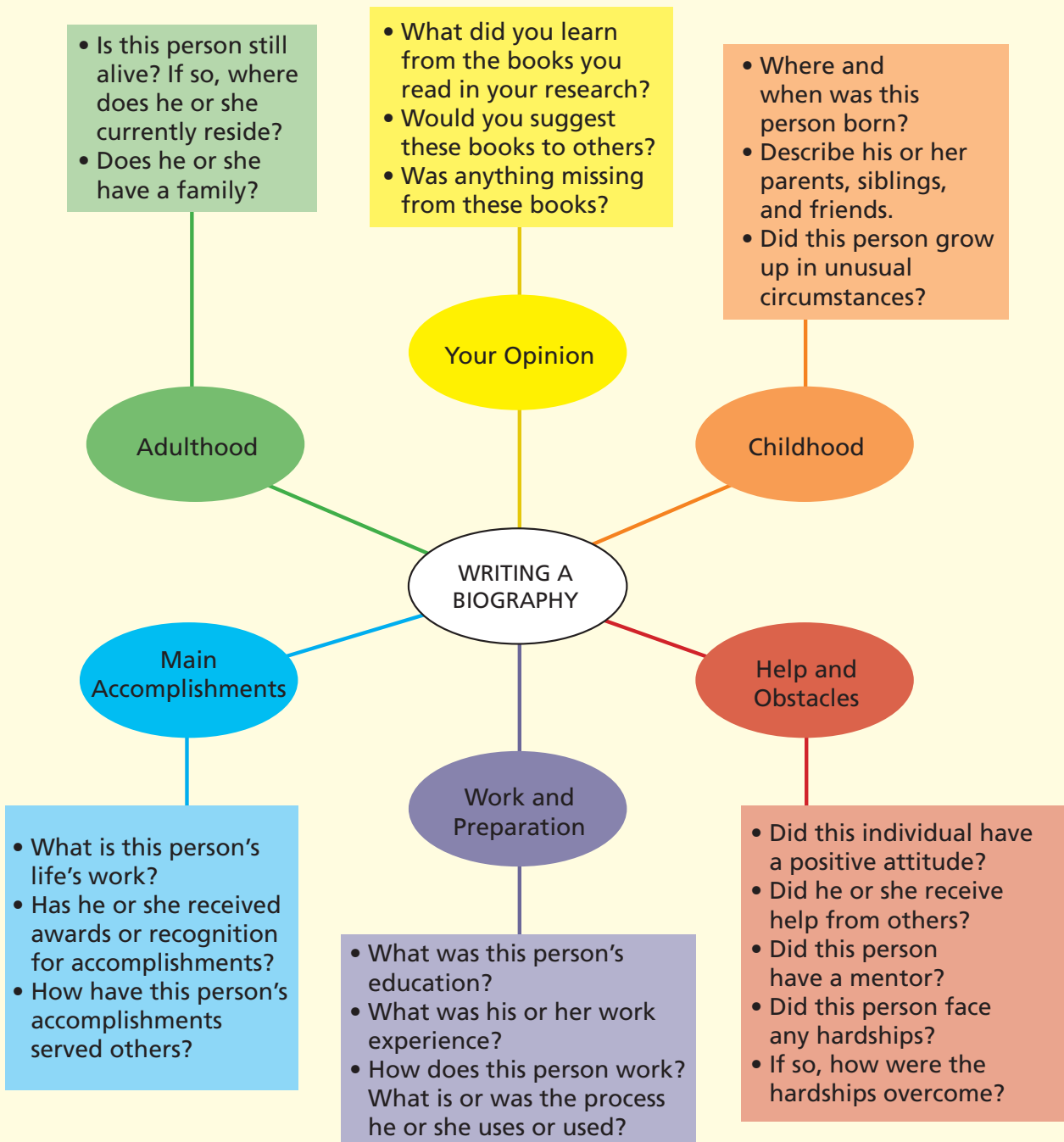
- ☐ Gravity
- ☐ Water
- ☐ Space debris
- ☐ Dark matter

6. When was the Hubble Space Telescope launched?

- ☐ 1984
- ☐ 1985
- ☐ 1990
- ☐ 1998



Learn more about one of the planet watchers featured on pages 18 and 19 of the book. Research this person using books and the internet. Then, write a biography about him or her using this concept web as a guide.



Key Words Match-Up

Write the words from the list below in the box above the correct definition for each word.

NAME

DATE

KEY WORDS

atmosphere

axis

core

debris

gravity

mantle

orbits

radius

revolves

satellites

**Your
Score is**



%

1.
scattered waste
2.
the nearly circular paths space objects make around another object in space
3.
moves around in a circle
4.
a force that pulls things toward the center
5.
a straight line that extends from the center of a circle to its edge
6.
space objects that orbit another space object
7.
the thick, hot layer of magma and rock between Earth's core and crust
8.
the center of a planet
9.
an imaginary line on which a planet spins
10.
the layer of gases surrounding a planet



1 Earth's atmosphere is mostly nitrogen and oxygen. True or False?

2 What is the name of Earth's highest mountain?

3 Who was the first American astronaut to orbit Earth?

4 How many days does it take Earth to revolve around the Sun?

5 Why is Earth called the Blue Planet?

6 Earth is the fifth planet from the Sun. True or False?

7 What makes the Moon shine brightly?

8 What type of spacecraft is the International Space Station?

9 In what year did American astronauts first visit the Moon?

10 What covers one-tenth of Earth's surface?

