

Test your knowledge by answering these questions about the naming of the dwarf planets. Check your answers on pages 6 and 7 of the book.

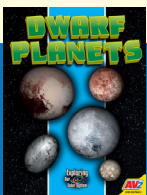
1. Ceres is the Roman goddess of what?

2. From which mythology does Makemake get its name?

3. Eris is the Roman goddess of what?

4. Haumea is the Hawai'ian goddess of what?

5. In mythology, who were Hi'aka and Namaka?



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

1. What are the names of the five known dwarf planets in Earth's solar system?

2. Which two dwarf planets are approximately the largest?

3. Earth is about five times bigger around than which dwarf planet?

4. Which dwarf planet has a unique, egg-like shape?

5. What is the name of the smallest known dwarf planet?

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

888

592

1,430

1,445

1. Eris is miles in diameter.

2. Pluto is miles in diameter.

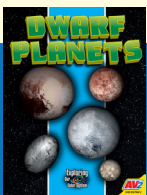
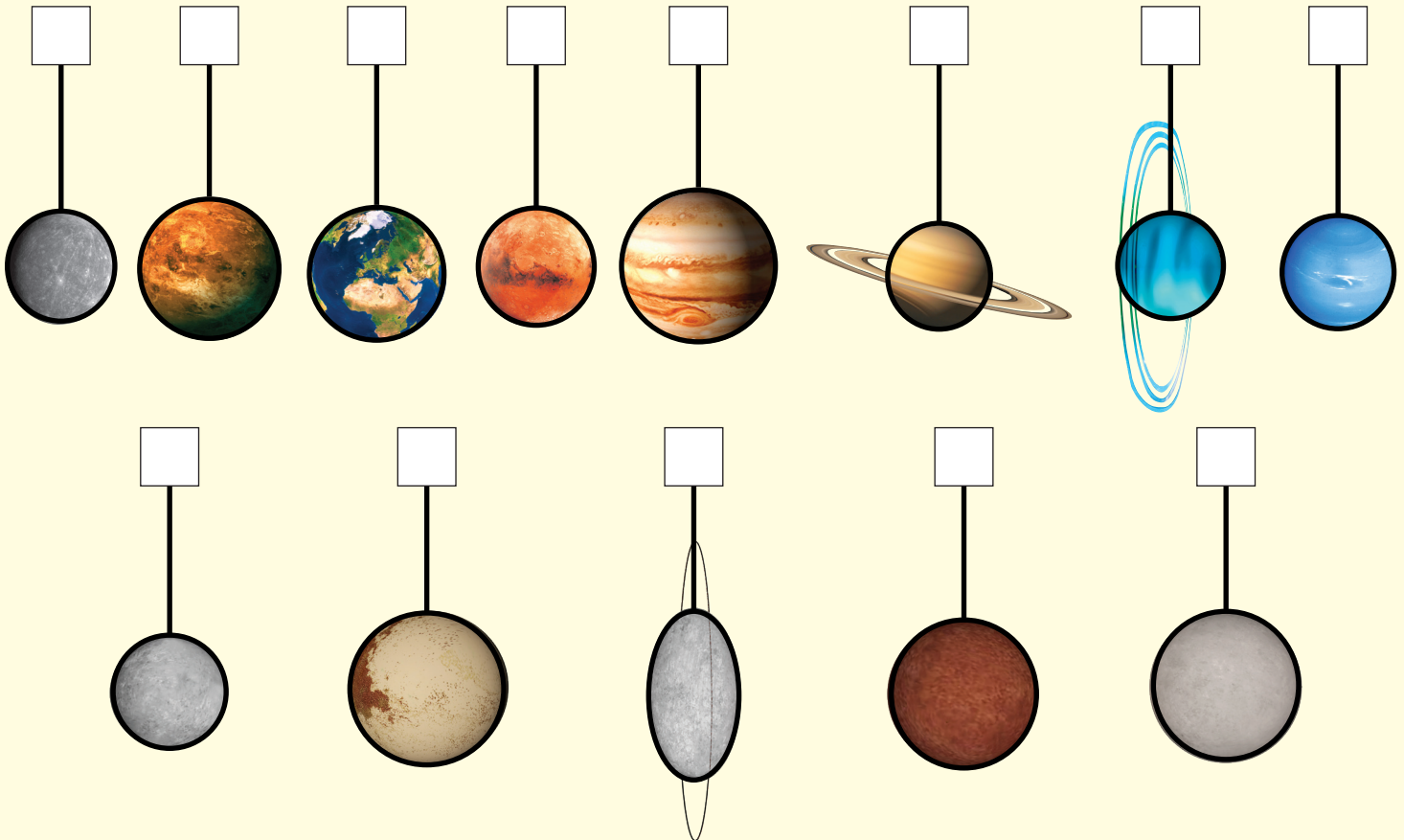
3. Makemake is miles in diameter.

4. Ceres is miles in diameter.



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



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

1. In what year was Ceres discovered?

☐ 1930

☐ 2003

☐ 1801

☐ 2005

2. Which dwarf planet is shaped like an egg?

☐ Ceres

☐ Eris

☐ Makemake

☐ Haumea

3. How many Earth years does it take Eris to orbit the Sun?

☐ 305

☐ 557

☐ 285

☐ 248

4. How far is Makemake from the Sun?

☐ 4,215 million miles

☐ 3,670 million miles

☐ 6,326 million miles

☐ 3,997 million miles

5. How long is Pluto's rotation period?

☐ 25.9 hours

☐ 9 hours

☐ 153 hours

☐ 4 hours

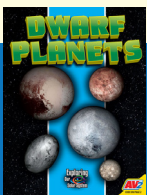
6. How far is Haumea from the Sun?

☐ 4,215 million miles

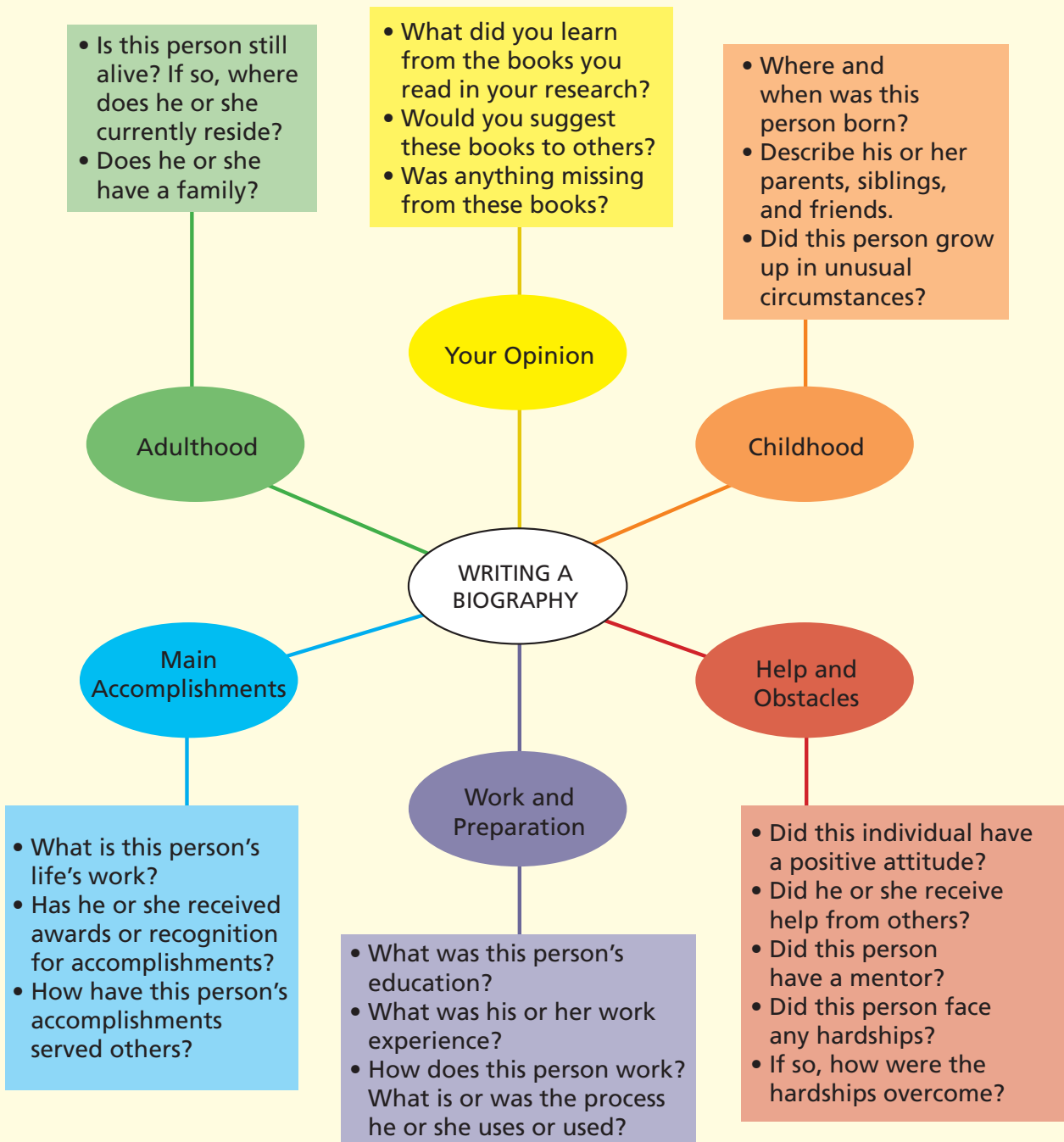
☐ 3,670 million miles

☐ 6,326 million miles

☐ 3,997 million miles



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

asteroids	mythology
astronomer	NASA
comets	observatory
gravity	orbit
Kuiper Belt	solar system

**Your
Score is**



%

1.
a force that pulls things toward the center
2.
the nearly circular path a space object makes around another object in space
3.
small, solid objects in space that circle the Sun
4.
small objects in space made from dust and ice
5.
National Aeronautics and Space Administration; the part of the U.S. government responsible for space research

6.
a building with a large telescope
7.
region of the solar system beyond the known planets
8.
the Sun, the planets, and other objects that move around the Sun
9.
a person who studies space and its objects
10.
stories or legends, often about gods or heroes



NAME

DATE

1

Dwarf planets can all be found in the Kuiper Belt. True or False?

2

What is the name of the space mission currently exploring the Kuiper Belt?

3

Which dwarf planet is shaped like an egg?

4

How many known dwarf planets are there?

5

What are most known dwarf planets made of?

6

Who first discovered Pluto?

7

In what year did the International Astronomical Union (IAU) change Pluto's status to that of a dwarf planet?

8

Which dwarf planets are thought to have moons?

9

Which two dwarf planets do not get their names from Greek or Roman mythology?

10

Who discovered the dwarf planet Eris?

