

Match the names of Mars's moons to each correct description. Write the correct letter in the space provided. Check your answers on page 7 of the book.

A



Phobos

B



Deimos



This moon is the larger of Mars's two moons.



This moon orbits Mars three times each day.



This moon's name means "panic."



This moon's name means "terror."



This moon orbits 3,700 miles above the surface of Mars.



This moon takes 30 hours to orbit Mars.

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

1. Are there canyons and volcanoes on the surface of Mars?

2. What do scientists believe Mars has lost over millions of years?

3. What types of storms are common on Mars and can last for months?

4. What are Mars's two moons called?

5. How many Earth days does it take Mars to make one orbit around the Sun?

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

142

4,221

85

24.6

1. Mars is miles in diameter.

2. The rotation period on Mars is hours.

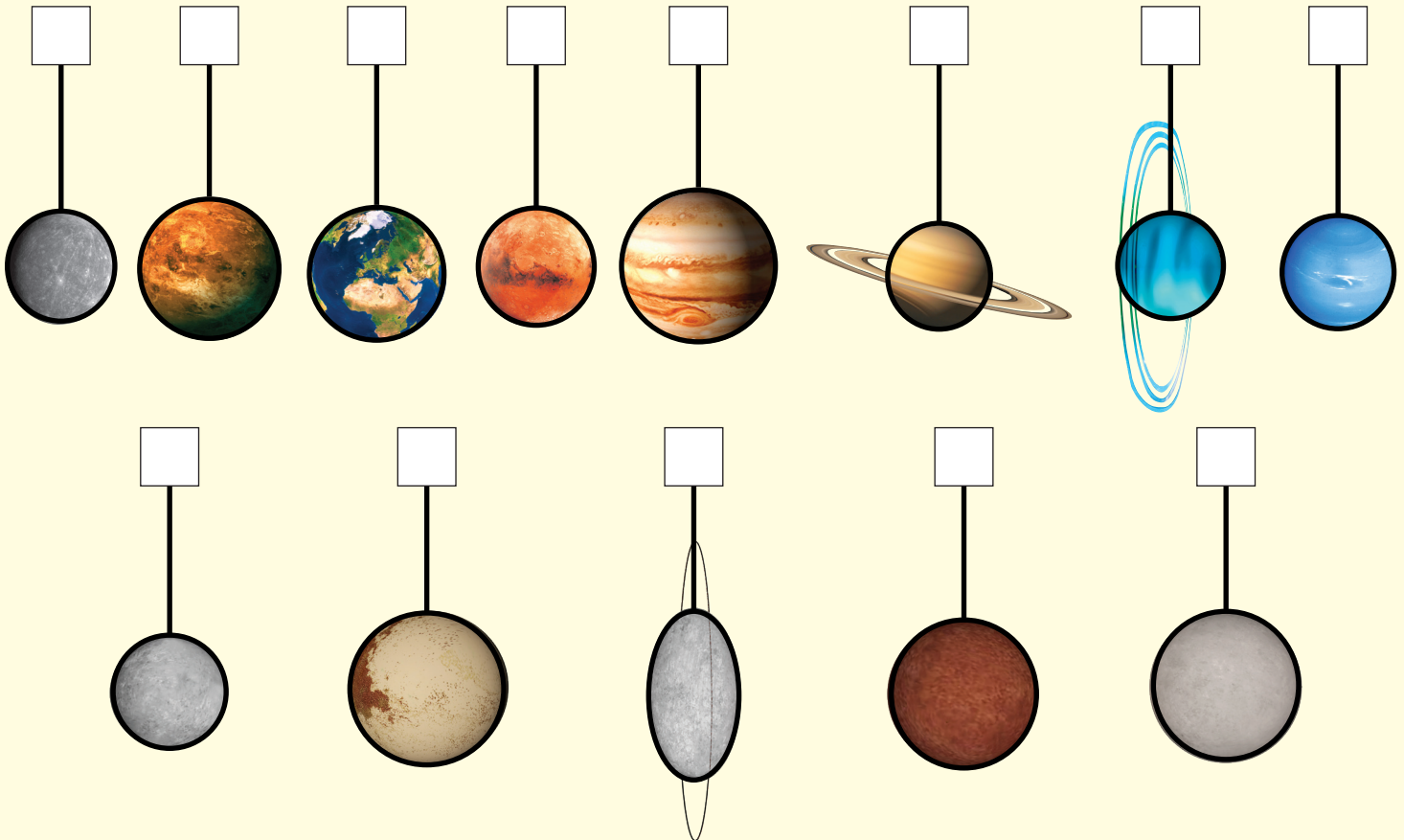
3. Mars is million miles from the Sun.

4. The mean temperature on Mars is degrees Fahrenheit.



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



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

1. What is the name of the most recent mission to Mars?

☐ Mars Odyssey

☐ Mariner 9

☐ InSight

☐ MAVEN

4. When was the Mars Phoenix Lander launched?

☐ 2012

☐ 2018

☐ 2002

☐ 2007

2. What is the space probe InSight studying on Mars?

☐ The planet's atmosphere

☐ Olympus Mons

☐ Martians

☐ The geology of Mars

5. Astronomers have sent many _____ to Mars.

☐ Space probes

☐ Astronauts

☐ Space shuttles

☐ Animals

3. When did the Curiosity rover land on Mars?

☐ 2018

☐ 2012

☐ 2005

☐ 1999

6. What type of space probe is Mariner 9?

☐ Orbiter

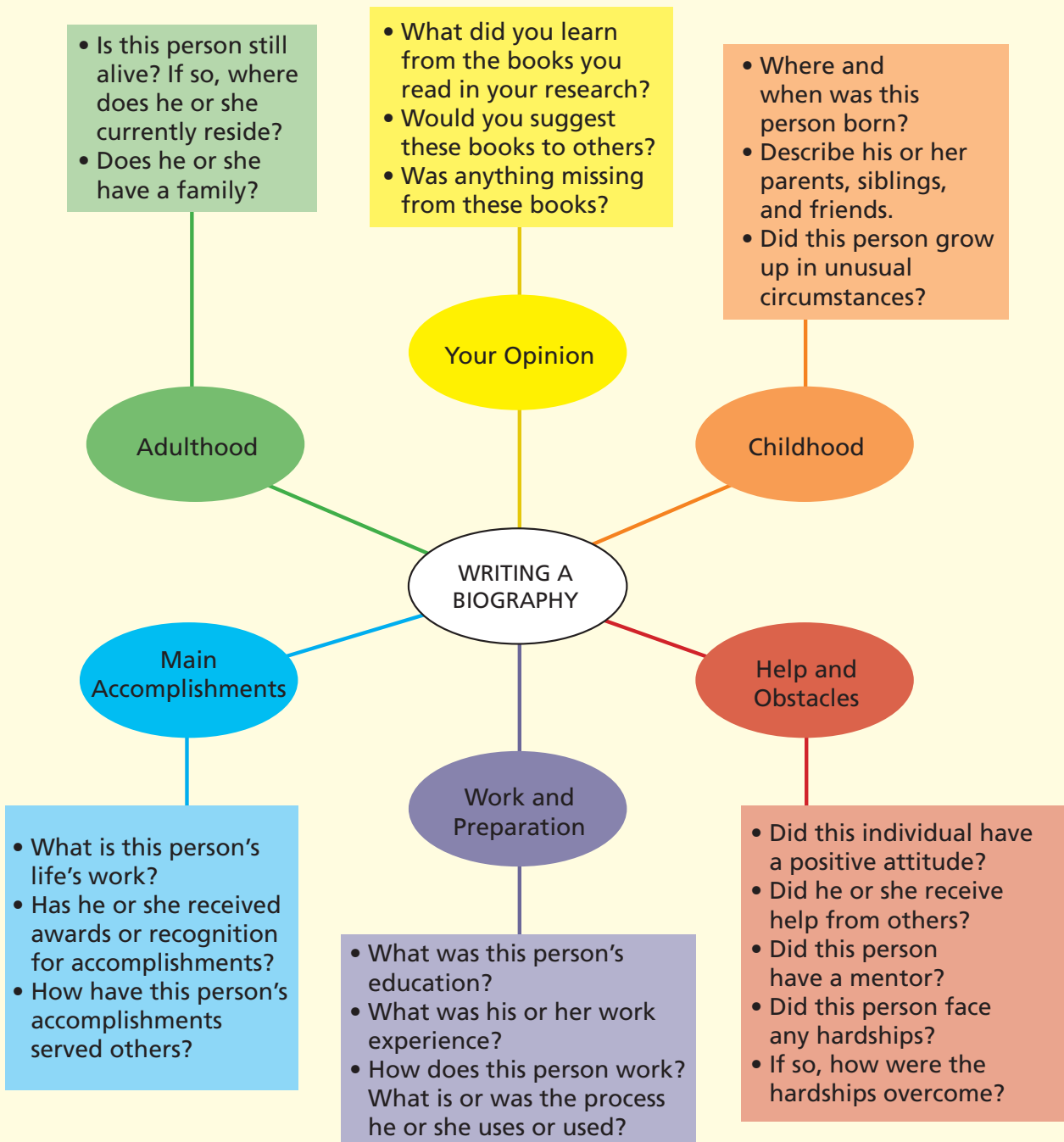
☐ Rover

☐ Lander

☐ Space shuttle



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
dry ice
icecaps
ice giants
myths

navigator
orbit
rover
solar system
space probes

**Your
Score is**



%

1.

a person who directs the travel of a spacecraft

2.

the Sun, the planets, and other objects that move around the Sun

3.

a robotic vehicle used to explore the surface of a planet

4.

stories or legends, often about gods or heroes

5.

spacecraft used to gather information about space

6.

large areas covered by ice, usually in polar regions

7.

the frozen form of a gas called carbon dioxide

8.

the nearly circular path a space object makes around another object in space

9.

very cold giant planets; Neptune and Uranus

10.

the layer of gases surrounding a planet



1

Why is Mars called the Red Planet?

2

Where does the name Mars come from?

3

Name the moons of Mars.

4

Can you see Mars without a telescope?

5

Mars was discovered in the 1500s. True or False?

6

Is it possible for people to live on Mars without spacesuits?

7

Did Martians build canals on Mars?

8

What did Giovanni Schiaparelli call the lines on the surface of Mars?

9

Mars is closer to the Sun than Earth. True or False?

10

Earth is larger than Mars. True or False?

