

NAME DATE

Test your knowledge by answering these questions about Neptune's moons.
Check your answers on page 7 of the book.

1. How many moons does Neptune have?

2. Which of Neptune's moons is the coldest place in the solar system?

3. What is unique about Neptune's largest moon's orbit?

4. What are Neptune's moons named after?



Label the Planets

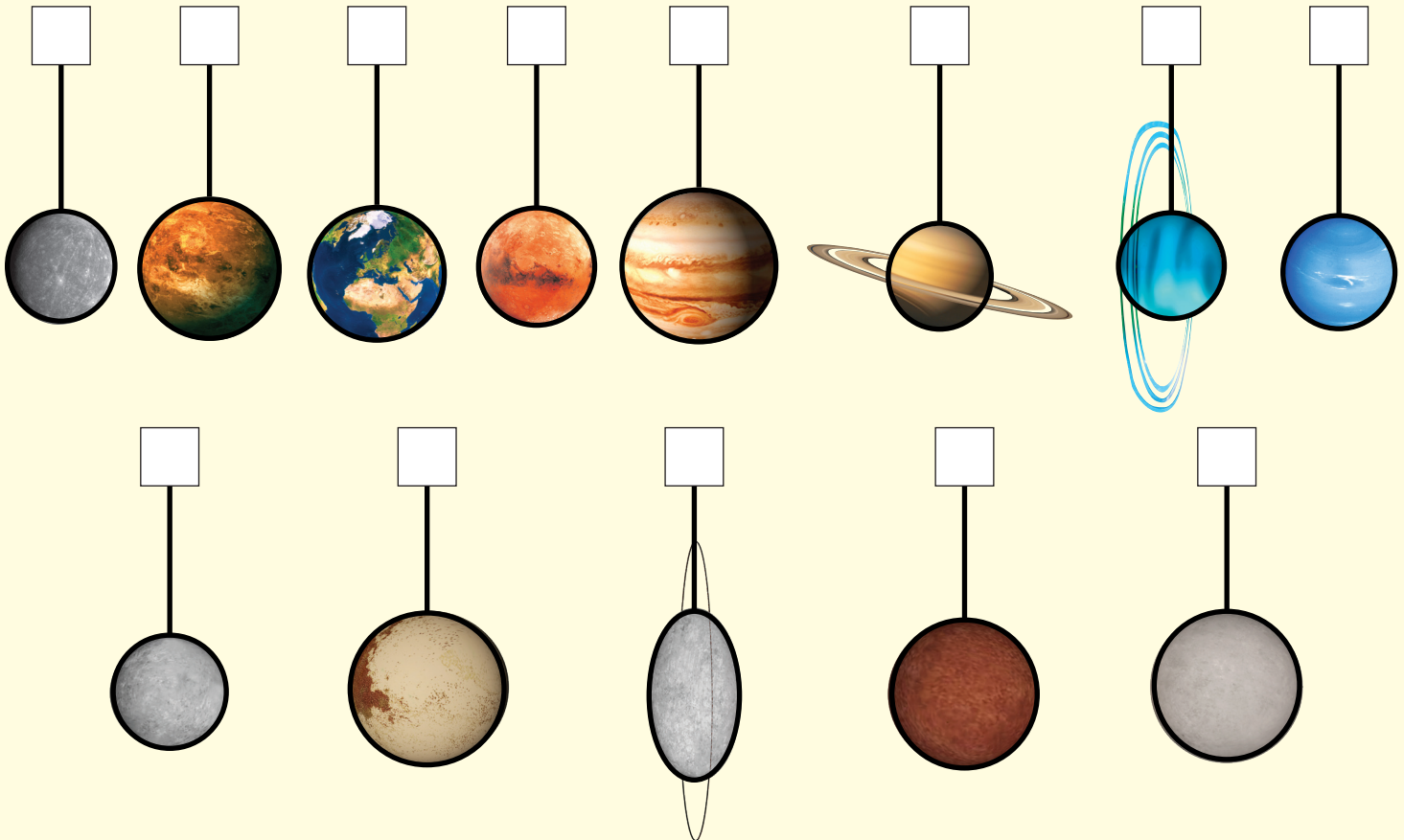
Follow the instructions below to complete the activity.

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



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

1. What type of planet is Neptune?

2. What makes Neptune appear blue?

3. How many Earths could fit inside Neptune?

4. How long does summer last on Neptune?

5. What are Neptune's rings made of?

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

330

2,793

30,775

59,800

1. Neptune is million miles from the Sun.

2. Neptune is miles in diameter.

3. Neptune takes Earth days to orbit the Sun.

4. The mean temperature on Neptune is degrees Fahrenheit.



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

1. Which space probe studied Neptune up close?

New Horizons

Juno

Mariner 9

Voyager 2

2. What type of space probe is Voyager 2?

Rover

Lander

Flyby

Orbiter

3. Before 1989, how many moons did scientists think Neptune had?

Four

One

Two

Six

4. When was Voyager 2 launched?

2006

1977

1989

2012

5. When did New Horizons photograph Neptune?

2018

2012

2005

2014

6. What is special about Voyager 1 and Voyager 2?

They have flown farther from Earth than any other spacecraft

They are the first space probes to visit another planet

They are the only probes to ever visit Neptune

They orbit Neptune's moons



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.

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KEY WORDS

asteroids
astronomers
diameter
gas giants
gravity

ice giants
mathematician
mythology
orbits
space probe

Your Score is



_____%

1.

large planets made mostly of gas;
Jupiter and Saturn

2.

the nearly circular paths space objects
make around other objects in space

3.

a person who studies math and numbers

4.

small, solid objects in space that circle
the Sun

5.

stories or legends, often about gods
or heroes

6.

a straight line passing through the center
of a circle, from one side to the other

7.

people who study space and its objects

8.

very cold giant planets; Neptune
and Uranus

9.

spacecraft used to gather information
about space

10.

a force that pulls things toward
the center



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1

How many moons does Neptune have?

2

Neptune has solid ground and rocks. True or False?

3

Neptune has rings. True or False?

4

What is the name of the only space probe that has studied Neptune up close?

5

Neptune is an ice giant. True or False?

6

What are Neptune's large dark spots known as?

7

Is it hot or cold on Neptune?

8

What is the name of Neptune's largest moon?

9

Can Neptune be seen from Earth without a telescope or binoculars?

10

What is Neptune named after?

