

Using information from the book, select an answer from the right and write the letter in the box beside the statement.

1. A year lasts this many Earth days on Uranus.

A. 88

2. The Sun's core has a temperature of this many million degrees Fahrenheit.

B. 93

3. Helium makes up about this percentage of the Sun

C. 864,000

4. A year lasts this many Earth days on Mercury.

D. 30,687

5. The Sun's mass is about this many times greater than that of Earth.

E. 8

6. The Sun is about this many million miles away from Earth.

F. 27

7. The Sun has a diameter of this many miles.

G. 300,000

Match the Solar System

Follow the instructions to complete the activity.

NAME

DATE

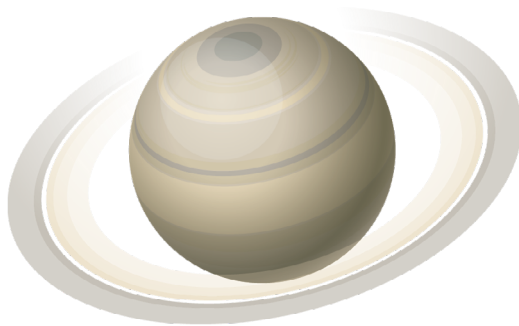
Using information found in the book, match the images of planets to their name.

1.


☐

A. Earth

2.


☐

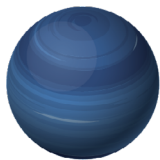
B. Jupiter

3.


☐

C. Mars

4.


☐

D. Mercury

5.


☐

E. Neptune

6.


☐

F. Saturn

7.


☐

G. Uranus

8.


☐

H. Venus



True or False

Follow the instructions to complete the activity.

NAME

DATE

Using information found in the book, verify whether the following statements are true or false. Check your answers in the book. List the page number where you found the information beside your answer.

Statement 1

The Sun is the largest and most massive object in Earth's solar system.

☐

True

☐

False

Page
Number

Statement 2

Both the outside and the inside of the Sun shine.

☐

True

☐

False

Page
Number

Statement 3

Only some of the living things on Earth rely on the Sun's energy for its survival.

☐

True

☐

False

Page
Number

Statement 4

The Sun is a ball of very cold gas.

☐

True

☐

False

Page
Number

Statement 5

Earth is kept in a fixed path by the force of gravity.

☐

True

☐

False

Page
Number



Fill in the Blanks

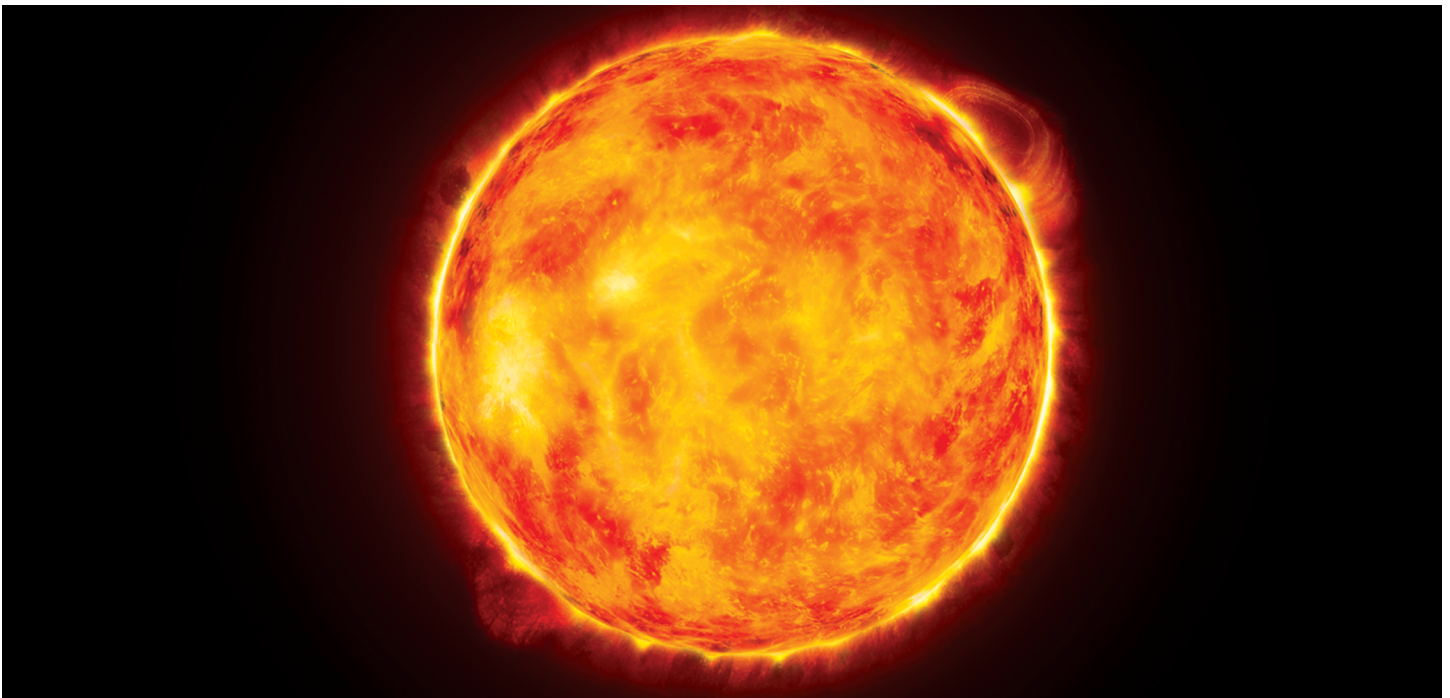
Follow the instructions to complete the activity.

NAME

DATE

Fill in the blanks using the information found in the pages of *Sun*.

1. and helium are the two main gases in the Sun.
2. As the Sun continues to release , it is gradually losing its mass and burning itself out.
3. Without the Sun's energy, there would be no on Earth.
4. The seasons change according to the of Earth in its orbit.
5. Earth's orbit is in shape.



Label the Diagram

Follow the instructions to complete the activity.

NAME

DATE

Using information from the book, label the information about the seasons in the spaces below.



Season:

Months:



Season:

Months:



Season:

Months:



Season:

Months:



Discovering Space

Sun

Reference: **AV2**

Page
1 of 5

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Sun Quiz

Test your knowledge of astronauts by answering these questions.

NAME

DATE

1. What color is the Sun's glow?
2. In which direction does Earth spin?
3. What is the diameter of the Sun?
4. What is the name of the path that Earth follows around the Sun?
5. What percentage of the Sun is made up of hydrogen?
6. How long does it take for Earth to complete a full orbit?
7. How long does non-stop sunshine last in Utqiagvik, Alaska?
8. How many regions compose the Sun?



Key Words Match-Up

Write the words from the list below in the box above the correct definition for each word. Check your answers on page 23 of the book.

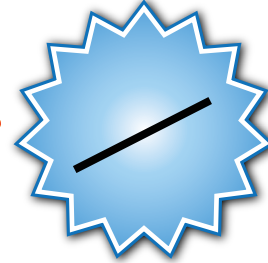
NAME

DATE

KEY WORDS

axis	hemisphere
circumference	hydrogen
energy	massive
gas	solar system
helium	surface

**Your
Score is**



=

%

1.
the outermost layer of an object
2.
usable power
3.
a star and all the planets and other objects that travel around it
4.
half of a planet, such as Earth
5.
remarkably large or heavy
6.
a gas with no smell, color, or taste that does not mix with other chemicals

7.
the boundary of a circle
8.
a substance that can expand, unlike solid or liquid substances
9.
an odorless and colorless gas that burns easily
10.
an imaginary straight line around which a celestial body rotates

