

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

1.

It takes this many minutes for the Sun's light to reach Earth

A. 93

2.

Blue stars have a temperature up to this many degrees Fahrenheit.

B. 17,360

3.

City lights can block star visibility up to this many miles away.

C. 10

4.

White stars have a temperature up to this many degrees Fahrenheit.

D. 89,540

5.

Earth is about this many million miles from the Sun.

E. 4.2

6.

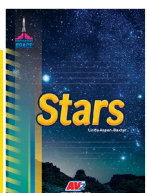
The light from Proxima Centauri takes this many years to reach Earth.

F. 8

7.

The mass of some stars can be about this many times greater than that of the Sun.

G. 200



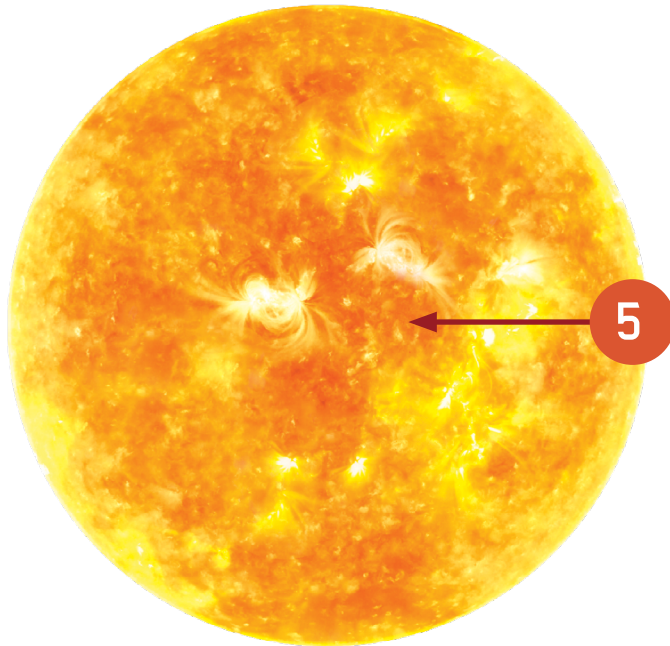
Match the Stars

Follow the instructions to complete the activity.

NAME

DATE

Using information found in the book, match the images of the stars to the descriptions found below.



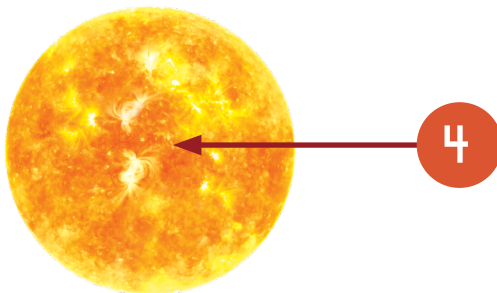
A. Aldebaran

B. Proxima Centauri

C. Arcturus

D. Sun

E. Betelgeuse



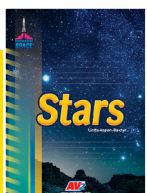
1

2

3

4

5



True or False

Follow the instructions to complete the activity.

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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

A bright, full moon during harvest time is called a harvest moon.

☐

True

☐

False

Page
Number

Statement 2

Many scientists believe that an asteroid struck Earth billions of years ago and broke off a large chunk of Earth.

☐

True

☐

False

Page
Number

Statement 3

The Moon is Neptune's closest neighbor.

☐

True

☐

False

Page
Number

Statement 4

Maria means "lakes" in German.

☐

True

☐

False

Page
Number

Statement 5

The Moon's craters formed when asteroids crashed into the Moon's surface.

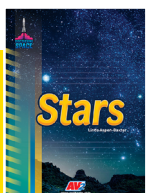
☐

True

☐

False

Page
Number



Fill in the Blanks

Follow the instructions to complete the activity.

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

1. After the Sun, the closest star to Earth is .
2. flows from the middle of a star. This keeps the star bright.
3. Stars are according to their color and luminosity, or brightness.
4. People sometimes use a to look at stars in the night sky.
5. The Sun is a type of star called a .



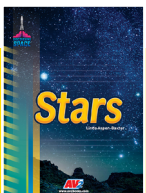
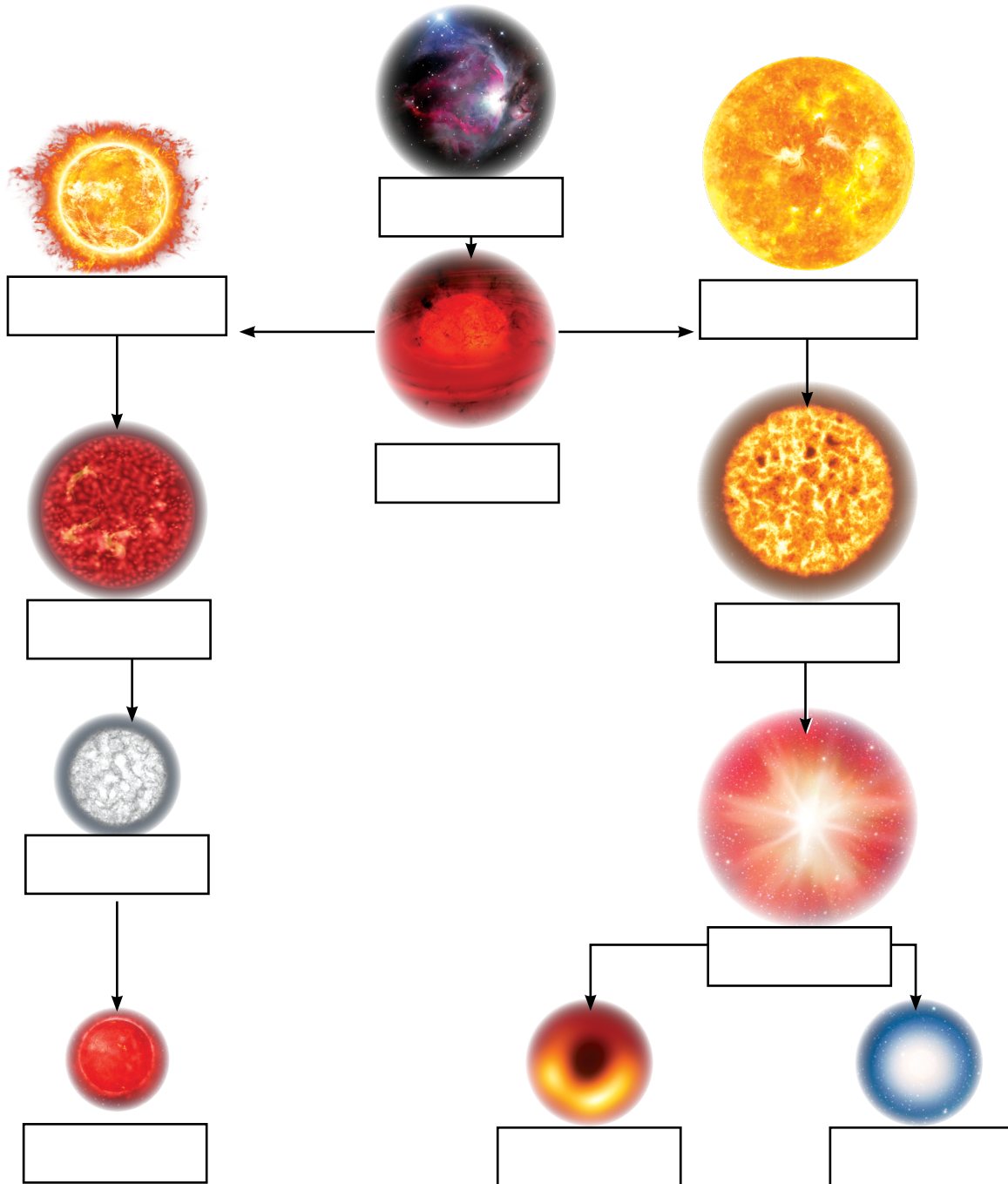
Label the Diagram

Follow the instructions to complete the activity.

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Using information from the book, label the information about the life cycle of stars in the spaces below.



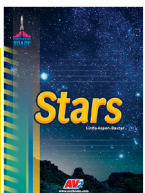
Star Quiz

Test your knowledge of astronauts by answering these questions.

NAME

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1. What color are the hottest stars?
2. What is Earth's closest star?
3. What is the name of the most massive stars?
4. What type of star is the Sun?
5. What is the name of the shape a group of stars can form in the sky?
6. What are the buildings that house large telescopes called?
7. When was Arizona's Lowell Observatory established?
8. How many stars can people see using only their eyes?



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

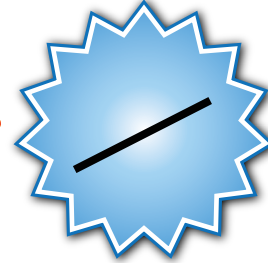
DATE

KEY WORDS

emit
energy
gas
hemisphere
mass

massive
telescope
temperature
visibility

**Your
Score is**



=

%

1.
a measurement of the amount of matter in an object
2.
degree of hotness or coldness of an object
3.
usable power
4.
a tool with a system of mirrors or lenses used to view distant objects
5.
release something such as light or heat

6.
remarkably large or heavy
7.
a substance that can expand, unlike solid or liquid substance
8.
the ability to be easily seen
9.
half of a planet, such as Earth

