Name: Date: Score: / 8

Our Star, the Sun: Learn and Practice

Why the Sun looks bigger and brighter

Read each question. Circle the best answer.

💡 Star Brightness

- The Sun is a star, just like the stars we see at night.
- It looks bigger and brighter because it is much closer to us.
- Many stars are bigger and brighter than the Sun, but very far away.
- a close flashlight and a far streetlight: the closer light looks brighter

1 ☀️ What is the Sun?

A. A planet B. A star C. A moon D. A comet

2 Why does the Sun look brighter than other stars?

A. It is the only star B. It burns wood

C. It is the biggest star D. It is much closer to us

3 Some tiny dots in the night sky are stars bigger than the Sun. How can that be?

A. They are behind glass

B. They are really planets

C. They are made of ice

D. They are extremely far away

4 ✨ Are all stars the same size?

A. Stars have no size B. Only small ones exist

C. Yes, they are all equal

D. No, they come in many sizes

5 About how long does sunlight take to reach Earth?

A. About 8 days B. About 8 years

C. About 8 seconds D. About 8 minutes

6 Why are other stars hard to see in the daytime?

A. They switch off

B. The bright Sun outshines them

C. They move away

D. They hide behind the Moon

7 🔦 A flashlight near you looks brighter than a distant streetlight. Why?

A. Closer lights look brighter

B. Flashlights are bigger

C. Streetlights make no light

D. The streetlight is broken

8 Which star is closest to Earth?

A. Betelgeuse B. The Sun C. Sirius D. Polaris

✏️ Explain it! Write two facts you learned about our star, the sun.

ANSWER KEY

Our Star, the Sun: Learn and Practice (answers)

Why the Sun looks bigger and brighter

Read each question. Circle the best answer.

1 ☀️ What is the Sun?

A. A planet **B. A star** C. A moon D. A comet

The Sun is a star, a giant ball of hot glowing gas.

2 Why does the Sun look brighter than other stars?

A. It is the only star B. It burns wood

C. It is the biggest star **D. It is much closer to us**

Other stars are much farther away. Being close makes the Sun look huge and bright.

3 Some tiny dots in the night sky are stars bigger than the Sun. How can that be?

A. They are behind glass

B. They are really planets

C. They are made of ice

D. They are extremely far away

Huge distances make even giant stars look like tiny points of light.

4 ✨ Are all stars the same size?

A. Stars have no size B. Only small ones exist

C. Yes, they are all equal

D. No, they come in many sizes

Some stars are smaller than the Sun and some are hundreds of times bigger.

5 About how long does sunlight take to reach Earth?

A. About 8 days B. About 8 years

C. About 8 seconds **D. About 8 minutes**

Light is super fast, but the Sun is so far away it still takes about 8 minutes to get here.

6 Why are other stars hard to see in the daytime?

A. They switch off

B. The bright Sun outshines them

C. They move away

D. They hide behind the Moon

Stars are still there in the day, but sunlight is so bright it hides their faint light.

7 🔦 A flashlight near you looks brighter than a distant streetlight. Why?

A. Closer lights look brighter

B. Flashlights are bigger

C. Streetlights make no light

D. The streetlight is broken

The farther away a light is, the dimmer it looks. Stars work the same way.

8 Which star is closest to Earth?

A. Betelgeuse **B. The Sun** C. Sirius D. Polaris

The Sun is our closest star by far. The next closest star is many trillions of kilometers away.