

A What do you know about the sun? Read the questions and choose the correct answer. Check your answers below.

Sun Quiz

- 1 How far away is the Earth from the Sun?**
The Earth is about 150 **thousand** / **million** kilometers from the Sun.
- 2 How hot is the Sun?**
The temperature on the Sun is about **55** / **5500** degrees Celsius.
- 3 What did the English scientist Isaac Newton prove?**
He proved that the planets in our solar system move around the **Earth** / **Sun**.
- 4 How long does it take for light from the Sun to get to the Earth?**
It takes about 8 **minutes** / **hours**.
- 5 How many planets are there in our solar system**
(מערכת השמש / المنظومة الشمسية)?
Scientists aren't sure. They know that there are **seven** / **eight** planets, but there could be more.
- 6 How long would it take an airplane to reach the Sun?**
If you fly non-stop, it would take you about 20 **years** / **days**.
- 7 When does a solar eclipse occur?**
This happens when the moon is between the Sun and the **planet Venus** / **Earth**.
- 8 Where does the Sun rise and where does it set?**
It rises in the **east** / **south** and sets in the **north** / **west**.
- 9 Which planet in our solar system is closest to the Sun?**
The planet **Mercury** / **Neptune** is closest to the Sun.
- 10 How much bigger is the Sun than the Earth?**
The Sun is about **110** / **1100** times bigger than the Earth.

Answers to exercise A:
1. million 3. sun 5. eight 7. Earth 9. Mercury
2. 5500 4. minutes 6. years 8. east / west 10. 110

B 1 Go online.

1. Find the names of the planets in our solar system.
2. What do the names have in common?

2 Think of a way to remember the order of the planets from the sun.

SKY HIGH PLUS!

• Read about Planet Nine.

Nobody has actually seen Planet Nine – even with a telescope, but scientists think that there could be a ninth planet in our solar system. Today, they are trying to find proof* of its existence*. Once there are pictures of this planet, it will get a name.

* proof הוכחה / دليل, إثبات

* existence קיום / وجود

• What do you think could be a good name for Planet Nine? Explain your answer to the class.