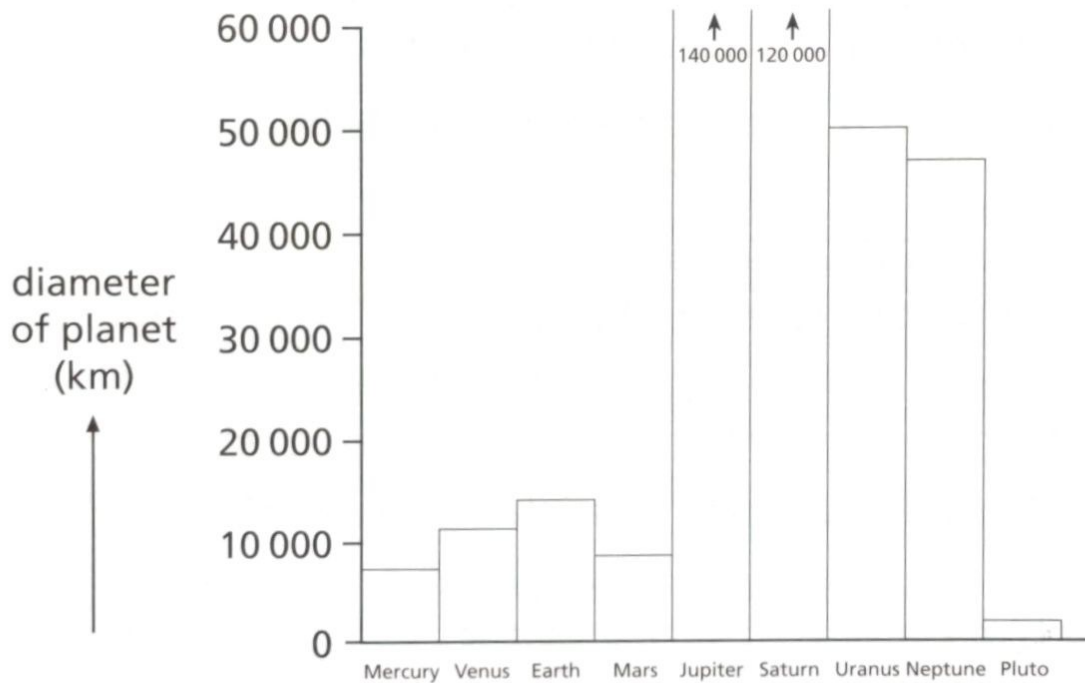
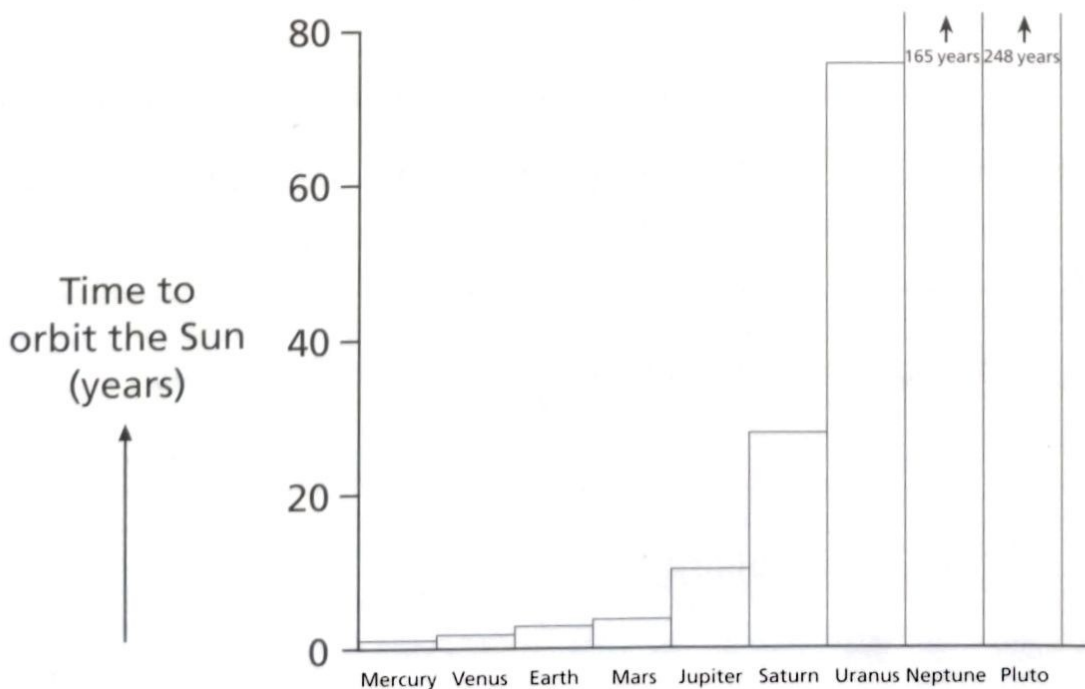


# Solar system

These bar charts contain information on the planets in our solar system. The first bar chart shows the diameters of the planets. The diameter of a sphere, like a planet, is the length of a line going from one side to the other and passing through the centre.



The further a planet is from the Sun then the cooler it is and the longer it takes to orbit the Sun.



Name:

Date:

AS

# Solar system

- Use the information in the two bar charts in **RS** 'Solar system' to say whether the following statements are true or false. Circle **true** or **false** next to each statement and explain why you gave that answer. There are two statements that you cannot answer. When you find these two statements write **cannot answer**. Then explain why you cannot say whether the statement is true or false.

The smallest planet is closest to the Sun. **True/False**

---

The largest planet takes about 12 years to orbit the Sun. **True/False**

---

The Earth is bigger than three other planets. **True/False**

---

There can be no life on Neptune. **True/False**

---

It must be much hotter on Mercury than Earth. **True/False**

---

A rocket from Earth would take longer to get to Uranus than Jupiter.

**True/False** \_\_\_\_\_

Venus has plant and animal life like that on Earth. **True/False**

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The smallest planet is the coldest. **True/False**

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