

**QUESTIONS**

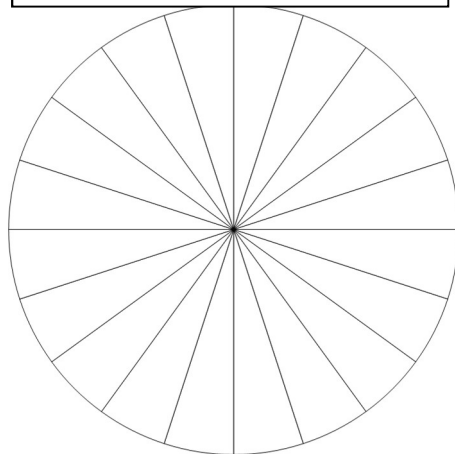
Billion years ago, the Earth’s early atmosphere was probably like the atmosphere of Venus today. The table shows the temperature and the percentage composition of the atmospheres of the Earth and Venus today.

Q1. Fill in the missing spaces in the table.

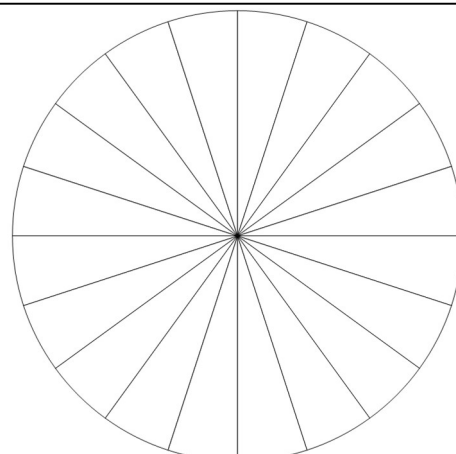
Name of gas	Percentage (%) composition of atmosphere		
	Earth today	Venus today	Key
Nitrogen		3.5	
Oxygen		a trace	
Argon		a trace	
Carbon dioxide	0.03	96.5	
<b>Average surface temperature</b>	20 °C	460 °C	

Q2. Complete the pie charts for the two sets of data in the table

**Present Earth’s atmosphere**



**Early Earth’s atmosphere (Venus)**



Q3. What is the main gas in the Earth’s atmosphere today?

Q4. What was the main gas in the Earth’s atmosphere billions of years ago?

Q5. The Earth’s surface is mainly covered with water. There is no water on the surface of Venus. Suggest why.